

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER GMBU B-2-9-17				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT MONUMENT BUTTE				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-45555			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL	FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE	634 FNL 643 FEL		NENE	2	9.0 S	17.0 E	S			
Top of Uppermost Producing Zone	267 FNL 1061 FEL		NENE	2	9.0 S	17.0 E	S			
At Total Depth	100 FNL 1235 FEL		NENE	2	9.0 S	17.0 E	S			
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 100			23. NUMBER OF ACRES IN DRILLING UNIT 20				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1145			26. PROPOSED DEPTH MD: 6236 TVD: 6236				
27. ELEVATION - GROUND LEVEL 4991			28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
PROD	7.875	5.5	0 - 6194	15.5	J-55 LT&C	8.3	Premium Lite High Strength	290	3.26	11.0
							50/50 Poz	363	1.24	14.3
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Mandie Crozier				TITLE Regulatory Tech				PHONE 435 646-4825		
SIGNATURE				DATE 03/24/2011				EMAIL mcrozier@newfield.com		
API NUMBER ASSIGNED 43047515490000				APPROVAL Permit Manager						

NEWFIELD PRODUCTION COMPANY
GMBU B-2-9-17
AT SURFACE: NE/NE SECTION 2, T9S, R17E
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1435'
Green River	1435'
Wasatch	6095'
Proposed TD	6194'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1435' – 6095'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. **Casing Design: GMBU B-2-9-17**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,194'	15.5	J-55	LTC	4,810 2.44	4,040 2.05	217,000 2.26

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. **Cementing Design: GMBU B-2-9-17**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,194'	Prem Lite II w/ 10% gel + 3% KCl	290 945	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

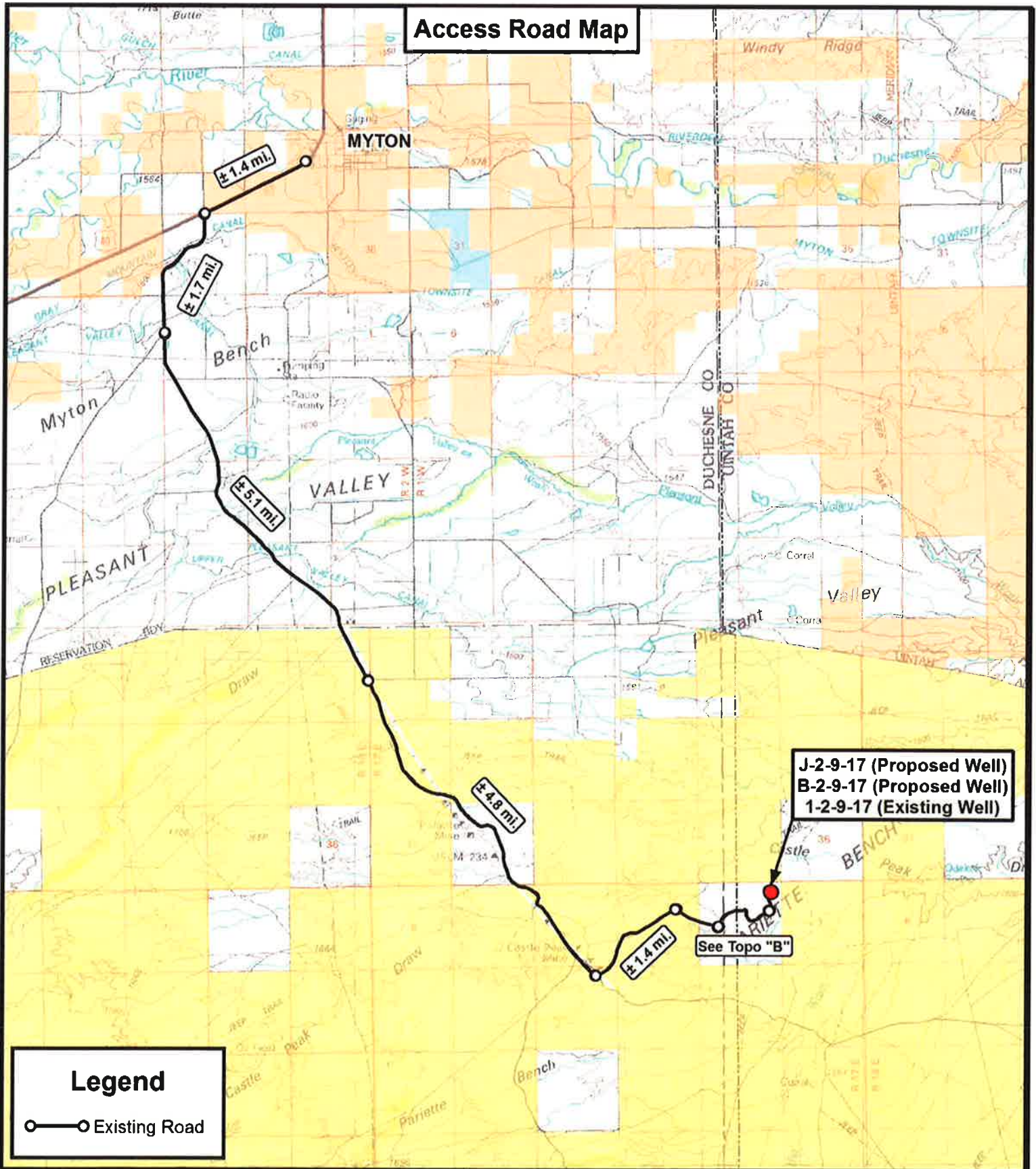
9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the second quarter of 2011, and take approximately seven (7) days from spud to rig release.

Access Road Map



Legend

Existing Road



Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

J-2-9-17 (Proposed Well)
B-2-9-17 (Proposed Well)
1-2-9-17 (Existing Well)

SEC. 2, T9S, R17E, S.L.B.&M. Uintah County, UT.

TOPOGRAPHIC MAP

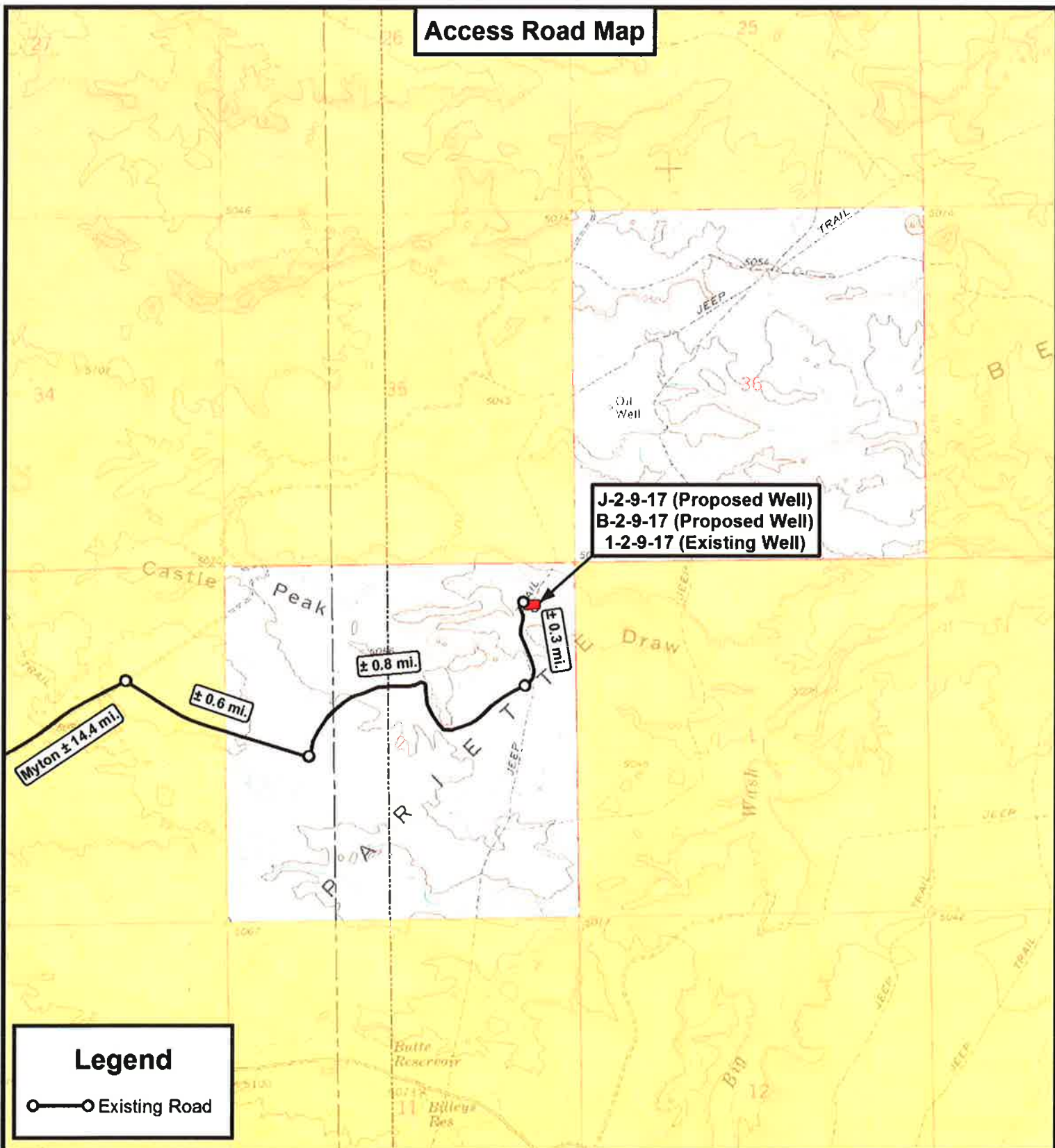
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RECEIVED: Jun. 08, 2011

DRAWN BY:	C.H.M.
DATE:	03-08-2011
SCALE:	1:100,000

Access Road Map



Legend

Existing Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



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DRAWN BY: C.H.M.
DATE: 03-08-2011
SCALE: 1" = 2,000'

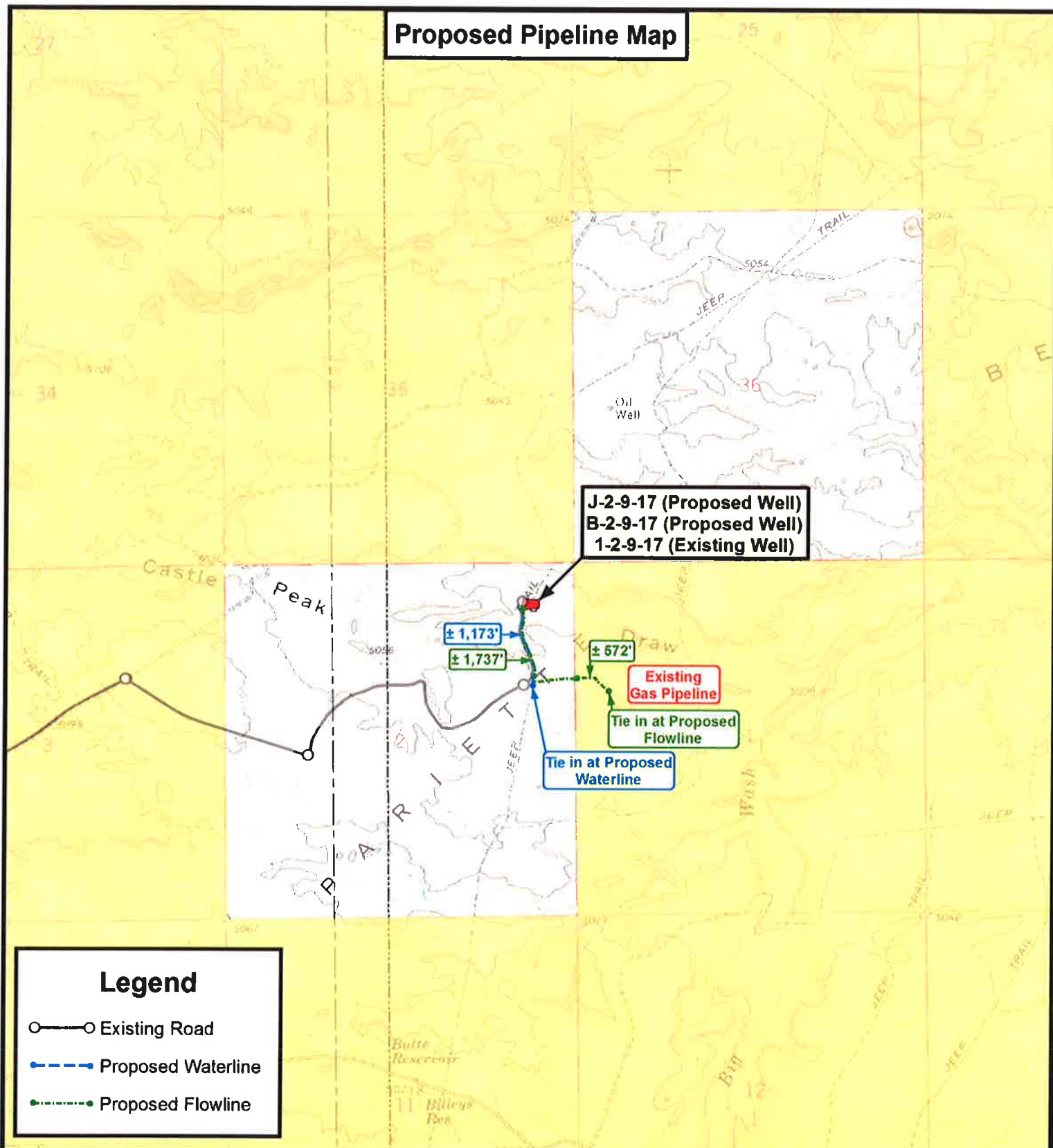
TOPOGRAPHIC MAP

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Proposed Pipeline Map



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DRAWN BY: C.H.M.
 DATE: 03-08-2011
 SCALE: 1" = 2,000'

TOPOGRAPHIC MAP

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RECEIVED: Jun. 08, 2011

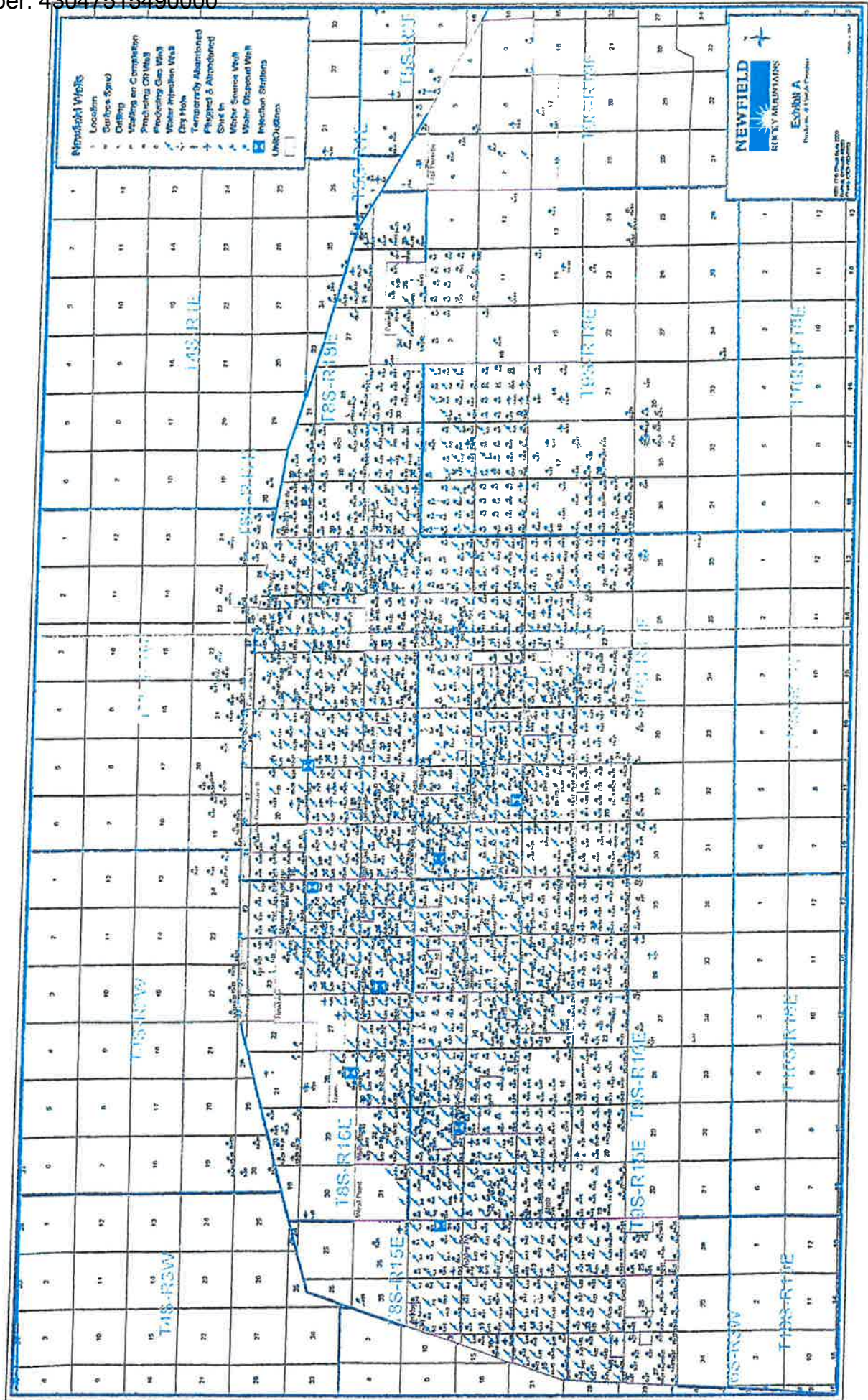
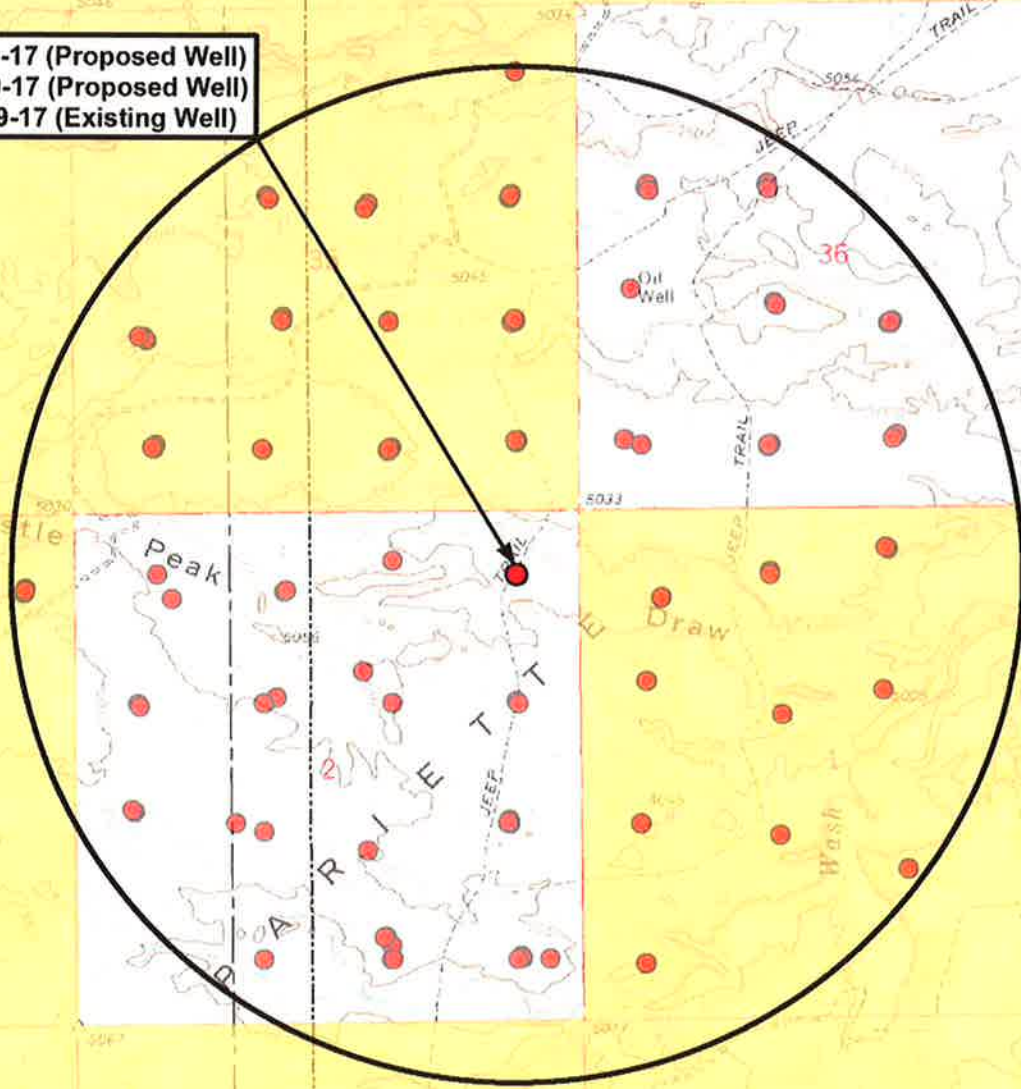


Exhibit "B" Map

J-2-9-17 (Proposed Well)
B-2-9-17 (Proposed Well)
1-2-9-17 (Existing Well)

Legend

- 1 Mile Radius
● Pad Location



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DRAWN BY: C.H.M.
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TOPOGRAPHIC MAP

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RECEIVED: Jun 08, 2011



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 2 T9S, R17E
B-2-9-17**

Wellbore #1

Plan: Design #1

Standard Planning Report

26 May, 2011





Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well B-2-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	B-2-9-17 @ 5003.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	B-2-9-17 @ 5003.0ft (Newfield Rig)
Site:	SECTION 2 T9S, R17E	North Reference:	True
Well:	B-2-9-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site		SECTION 2 T9S, R17E, SEC 2 T9S, R17E			
Site Position:		Northing:	7,194,800.00 ft	Latitude:	40° 3' 41.746 N
From:	Lat/Long	Easting:	2,067,293.09 ft	Longitude:	109° 58' 29.067 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.98 °

Well	B-2-9-17, SHL LAT: 40 03 55.64 LONG: -109 58 00.03					
Well Position	+N/-S	1,405.8 ft	Northing:	7,196,244.25 ft	Latitude:	40° 3' 55.640 N
	+E/-W	2,257.5 ft	Easting:	2,069,526.18 ft	Longitude:	109° 58' 0.030 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,003.0 ft	Ground Level:	4,991.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/03/23	11.31	65.84	52,322

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	311.32

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,177.3	8.66	311.32	1,175.1	28.7	-32.7	1.50	1.50	0.00	311.32	
6,194.4	8.66	311.32	6,135.0	527.5	-600.0	0.00	0.00	0.00	0.00	B-2-9-17 TGT



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well B-2-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	B-2-9-17 @ 5003.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	B-2-9-17 @ 5003.0ft (Newfield Rig)
Site:	SECTION 2 T9S, R17E	North Reference:	True
Well:	B-2-9-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	311.32	700.0	0.9	-1.0	1.3	1.50	1.50	0.00
800.0	3.00	311.32	799.9	3.5	-3.9	5.2	1.50	1.50	0.00
900.0	4.50	311.32	899.7	7.8	-8.8	11.8	1.50	1.50	0.00
1,000.0	6.00	311.32	999.3	13.8	-15.7	20.9	1.50	1.50	0.00
1,100.0	7.50	311.32	1,098.6	21.6	-24.5	32.7	1.50	1.50	0.00
1,177.3	8.66	311.32	1,175.1	28.7	-32.7	43.5	1.50	1.50	0.00
1,200.0	8.66	311.32	1,197.5	31.0	-35.3	47.0	0.00	0.00	0.00
1,300.0	8.66	311.32	1,296.4	40.9	-46.6	62.0	0.00	0.00	0.00
1,400.0	8.66	311.32	1,395.3	50.9	-57.9	77.1	0.00	0.00	0.00
1,500.0	8.66	311.32	1,494.1	60.8	-69.2	92.1	0.00	0.00	0.00
1,600.0	8.66	311.32	1,593.0	70.8	-80.5	107.2	0.00	0.00	0.00
1,700.0	8.66	311.32	1,691.8	80.7	-91.8	122.2	0.00	0.00	0.00
1,800.0	8.66	311.32	1,790.7	90.6	-103.1	137.3	0.00	0.00	0.00
1,900.0	8.66	311.32	1,889.6	100.6	-114.4	152.3	0.00	0.00	0.00
2,000.0	8.66	311.32	1,988.4	110.5	-125.7	167.4	0.00	0.00	0.00
2,100.0	8.66	311.32	2,087.3	120.5	-137.0	182.5	0.00	0.00	0.00
2,200.0	8.66	311.32	2,186.1	130.4	-148.3	197.5	0.00	0.00	0.00
2,300.0	8.66	311.32	2,285.0	140.4	-159.6	212.6	0.00	0.00	0.00
2,400.0	8.66	311.32	2,383.9	150.3	-171.0	227.6	0.00	0.00	0.00
2,500.0	8.66	311.32	2,482.7	160.2	-182.3	242.7	0.00	0.00	0.00
2,600.0	8.66	311.32	2,581.6	170.2	-193.6	257.7	0.00	0.00	0.00
2,700.0	8.66	311.32	2,680.4	180.1	-204.9	272.8	0.00	0.00	0.00
2,800.0	8.66	311.32	2,779.3	190.1	-216.2	287.8	0.00	0.00	0.00
2,900.0	8.66	311.32	2,878.2	200.0	-227.5	302.9	0.00	0.00	0.00
3,000.0	8.66	311.32	2,977.0	209.9	-238.8	318.0	0.00	0.00	0.00
3,100.0	8.66	311.32	3,075.9	219.9	-250.1	333.0	0.00	0.00	0.00
3,200.0	8.66	311.32	3,174.7	229.8	-261.4	348.1	0.00	0.00	0.00
3,300.0	8.66	311.32	3,273.6	239.8	-272.7	363.1	0.00	0.00	0.00
3,400.0	8.66	311.32	3,372.5	249.7	-284.0	378.2	0.00	0.00	0.00
3,500.0	8.66	311.32	3,471.3	259.6	-295.3	393.2	0.00	0.00	0.00
3,600.0	8.66	311.32	3,570.2	269.6	-306.6	408.3	0.00	0.00	0.00
3,700.0	8.66	311.32	3,669.1	279.5	-317.9	423.3	0.00	0.00	0.00
3,800.0	8.66	311.32	3,767.9	289.5	-329.3	438.4	0.00	0.00	0.00
3,900.0	8.66	311.32	3,866.8	299.4	-340.6	453.5	0.00	0.00	0.00
4,000.0	8.66	311.32	3,965.6	309.3	-351.9	468.5	0.00	0.00	0.00
4,100.0	8.66	311.32	4,064.5	319.3	-363.2	483.6	0.00	0.00	0.00
4,200.0	8.66	311.32	4,163.4	329.2	-374.5	498.6	0.00	0.00	0.00
4,300.0	8.66	311.32	4,262.2	339.2	-385.8	513.7	0.00	0.00	0.00
4,400.0	8.66	311.32	4,361.1	349.1	-397.1	528.7	0.00	0.00	0.00
4,500.0	8.66	311.32	4,459.9	359.0	-408.4	543.8	0.00	0.00	0.00
4,600.0	8.66	311.32	4,558.8	369.0	-419.7	558.8	0.00	0.00	0.00
4,700.0	8.66	311.32	4,657.7	378.9	-431.0	573.9	0.00	0.00	0.00
4,800.0	8.66	311.32	4,756.5	388.9	-442.3	589.0	0.00	0.00	0.00
4,900.0	8.66	311.32	4,855.4	398.8	-453.6	604.0	0.00	0.00	0.00
5,000.0	8.66	311.32	4,954.2	408.7	-464.9	619.1	0.00	0.00	0.00
5,100.0	8.66	311.32	5,053.1	418.7	-476.2	634.1	0.00	0.00	0.00
5,200.0	8.66	311.32	5,152.0	428.6	-487.6	649.2	0.00	0.00	0.00



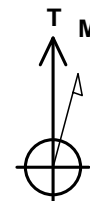
Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well B-2-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	B-2-9-17 @ 5003.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	B-2-9-17 @ 5003.0ft (Newfield Rig)
Site:	SECTION 2 T9S, R17E	North Reference:	True
Well:	B-2-9-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	8.66	311.32	5,250.8	438.6	-498.9	664.2	0.00	0.00	0.00
5,400.0	8.66	311.32	5,349.7	448.5	-510.2	679.3	0.00	0.00	0.00
5,500.0	8.66	311.32	5,448.5	458.4	-521.5	694.3	0.00	0.00	0.00
5,600.0	8.66	311.32	5,547.4	468.4	-532.8	709.4	0.00	0.00	0.00
5,700.0	8.66	311.32	5,646.3	478.3	-544.1	724.4	0.00	0.00	0.00
5,800.0	8.66	311.32	5,745.1	488.3	-555.4	739.5	0.00	0.00	0.00
5,900.0	8.66	311.32	5,844.0	498.2	-566.7	754.6	0.00	0.00	0.00
6,000.0	8.66	311.32	5,942.8	508.1	-578.0	769.6	0.00	0.00	0.00
6,100.0	8.66	311.32	6,041.7	518.1	-589.3	784.7	0.00	0.00	0.00
6,194.4	8.66	311.32	6,135.0	527.5	-600.0	798.9	0.00	0.00	0.00
B-2-9-17 TGT									

API Well Number: 43047515490000



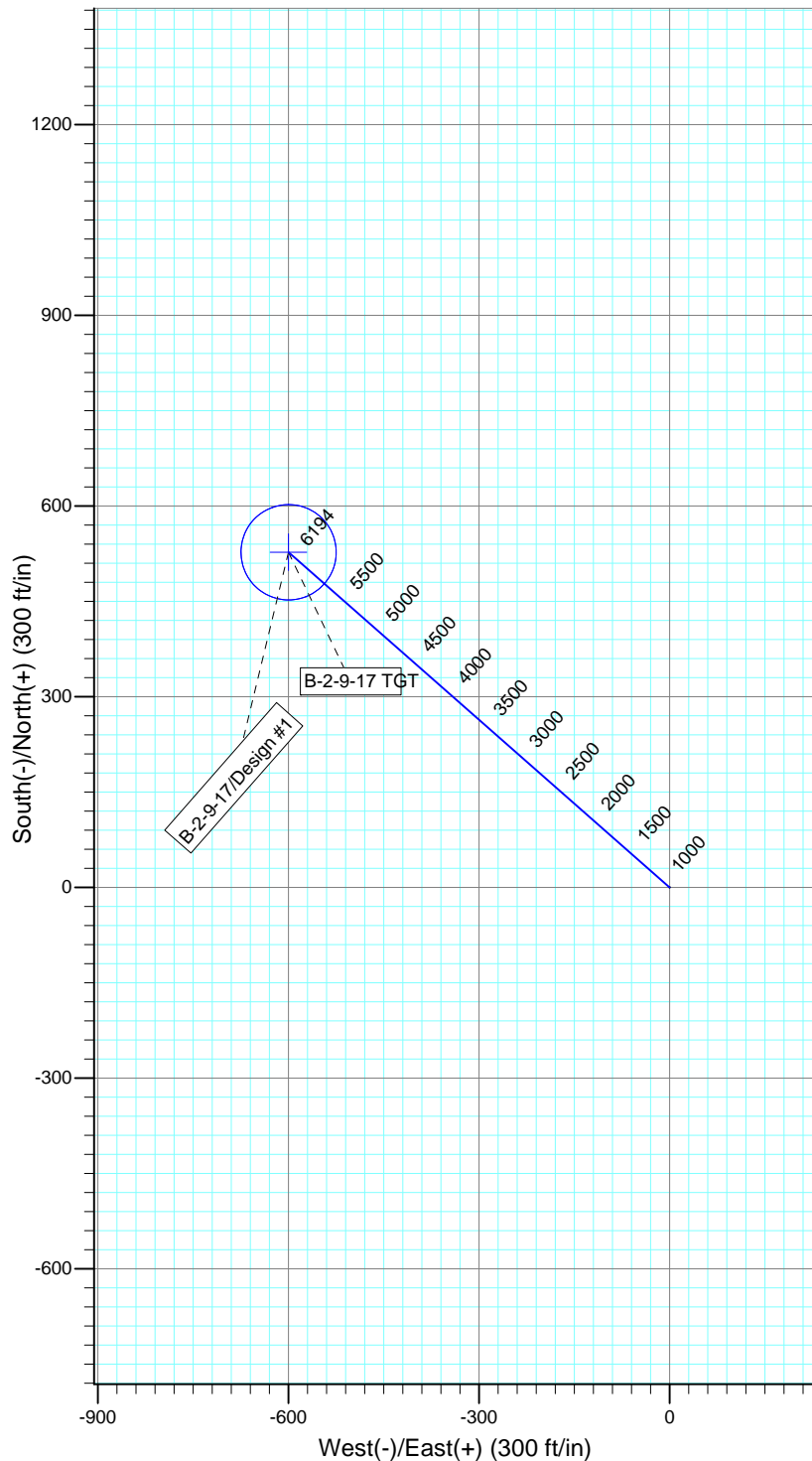
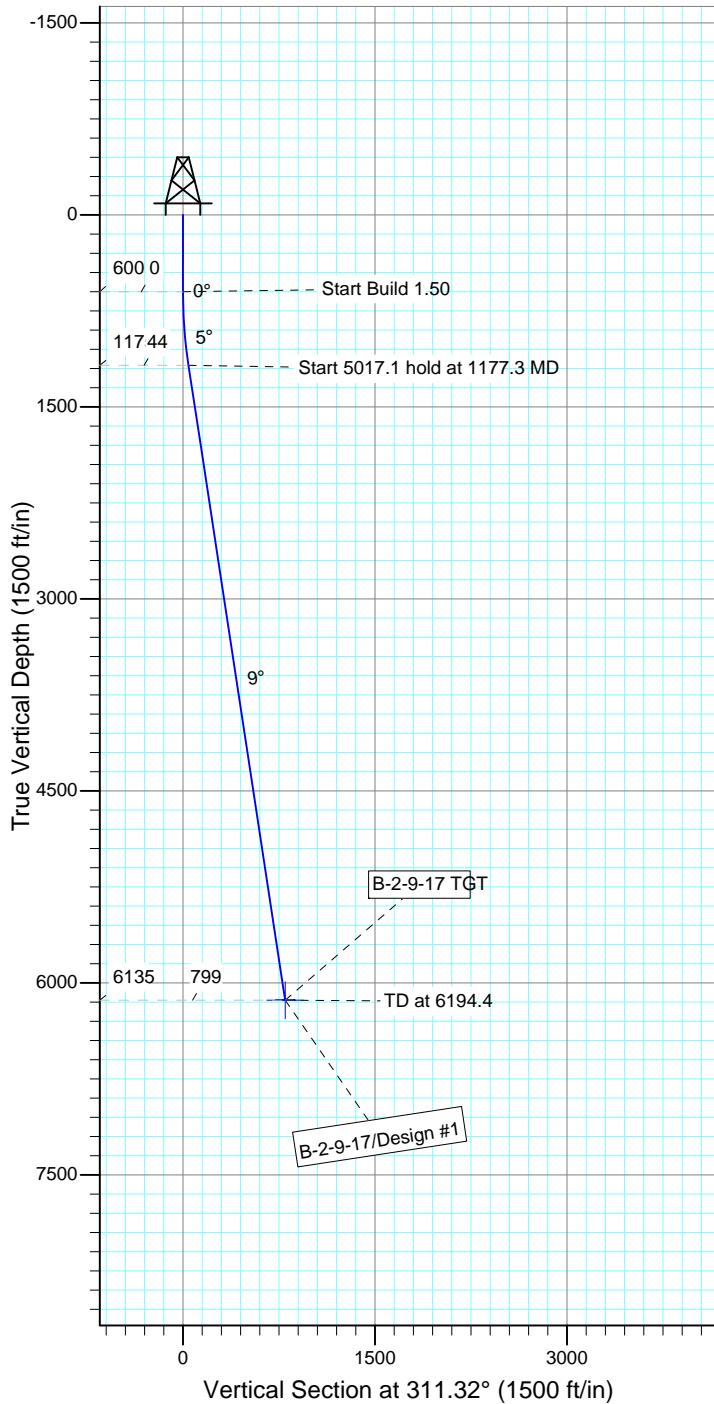
Project: USGS Myton SW (UT)
 Site: SECTION 2 T9S, R17E
 Well: B-2-9-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.31°

Magnetic Field
 Strength: 52322.0snT
 Dip Angle: 65.84°
 Date: 2011/03/23
 Model: IGRF2010

KOP @ 600'
 DOGLEG RATE 1.5 DEG/100
 TARGET RADIUS IS 75'



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
B-2-9-17 TGT	6135.0	527.5	-600.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1177.3	8.66	311.32	1175.1	28.7	-32.7	1.50	311.32	43.5	
4	6194.4	8.66	311.32	6135.0	527.5	-600.0	0.00	0.00	798.9	B-2-9-17 TGT



RECEIVED: Jun. 08, 2011

NEWFIELD PRODUCTION COMPANY
GMBU B-2-9-17
AT SURFACE: NE/NE SECTION 2, T9S, R17E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU B-2-9-17 located in the NE 1/4 NE 1/4 Section 2, T9S, R17E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.6 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 2.2 miles \pm to it's junction with an existing road to the north; proceed northerly - 0.3 miles \pm to the access road to the existing 1-2-9-17 well pad.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. **PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 1-2-9-17 well pad. See attached Topographic Map "B".

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. PLANS FOR RESTORATION OF SURFACE:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP – State of Utah.

11. OTHER ADDITIONAL INFORMATION:

Newfield Production Company requests 1,173' of buried water line to be granted. It is proposed that the disturbed area will be 30' wide to allow for construction of the proposed buried 10" steel

water injection line and a buried 3" poly water return line. The proposed buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface gas pipelines will be installed on the same side of the road as existing gas lines. The construction phase of the proposed water lines will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice form will be applied for through the State of Utah DOGM office.

Surface Flow Line

Newfield requests 2,309' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "C"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

Clearing and Grading: No clearing or grading of the ROW will be required. The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

Installation: The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU B-2-9-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU B-2-9-17, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**Representative**

Name: Tim Eaton
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #B-2-9-17, Section 2, Township 9S, Range 17E, Lease ML-45555 Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Federal Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

3/24/11
Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company

2-M SYSTEM

Blowout Prevention Equipment Systems

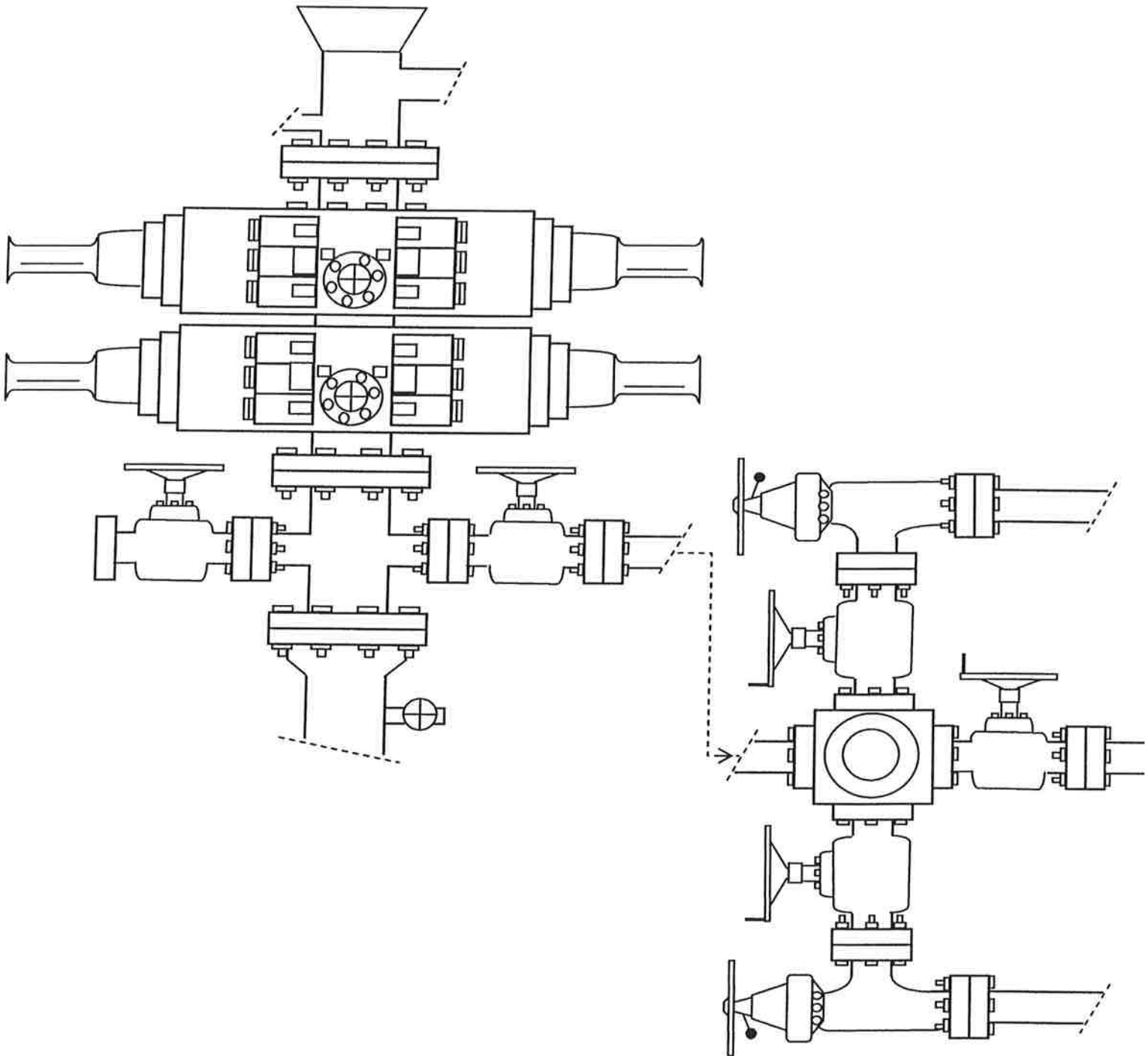


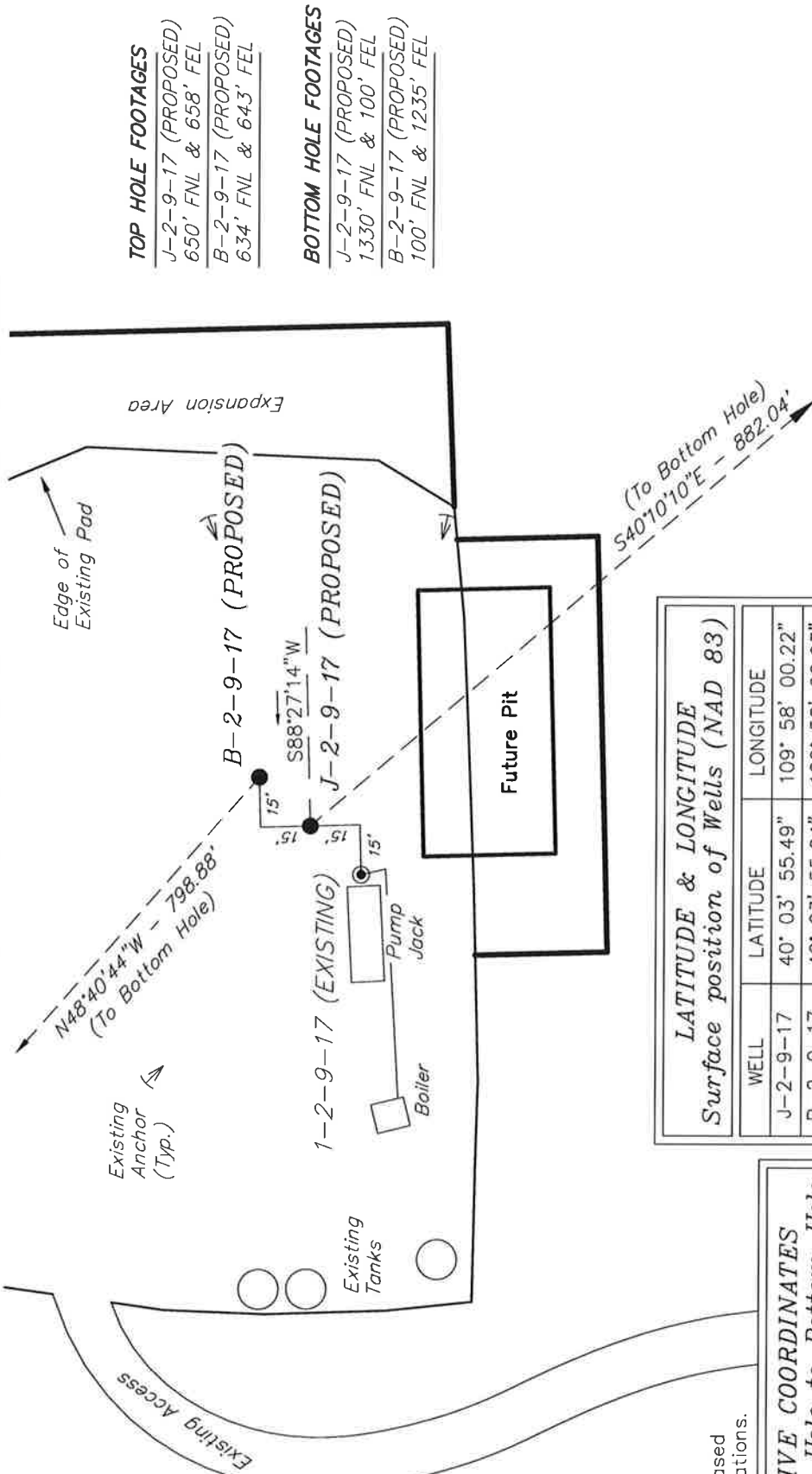
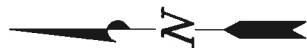
EXHIBIT C

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

- J-2-9-17 (Proposed Well)
- B-2-9-17 (Proposed Well)
- 1-2-9-17 (Existing Well)

Pad Location: NENE (Lot 1) Section 2, T9S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES
 J-2-9-17 (PROPOSED)
 650' FNL & 658' FEL
 B-2-9-17 (PROPOSED)
 634' FNL & 643' FEL

BOTTOM HOLE FOOTAGES
 J-2-9-17 (PROPOSED)
 1330' FNL & 100' FEL
 B-2-9-17 (PROPOSED)
 100' FNL & 1235' FEL

Note:
 Bearings are based
 on GPS Observations.

RELATIVE COORDINATES From Top Hole to Bottom Hole

WELL	NORTH	EAST
J-2-9-17	-674'	569'
B-2-9-17	527'	-600'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
J-2-9-17	40° 03' 55.49"	109° 58' 00.22"
B-2-9-17	40° 03' 55.64"	109° 58' 00.03"
1-2-9-17	40° 03' 55.34"	109° 58' 00.41"

SURVEYED BY: T.P. DATE SURVEYED: 01-25-11
 DRAWN BY: F.T.M. DATE DRAWN: 03-08-11
 SCALE: 1" = 50' REVISED:

Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501

NEWFIELD EXPLORATION COMPANY

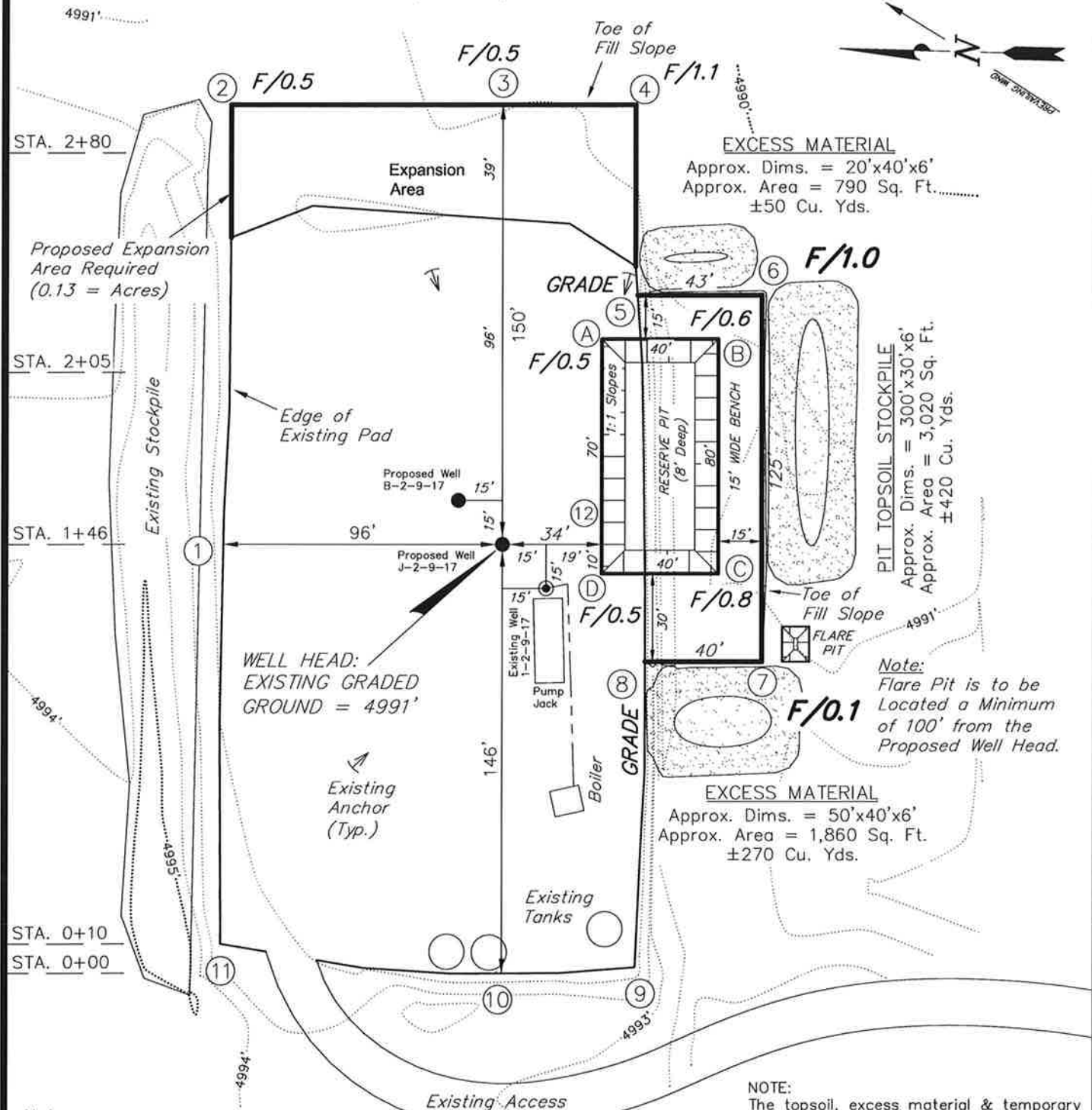
LOCATION LAYOUT

J-2-9-17 (Proposed Well)

B-2-9-17 (Proposed Well)

1-2-9-17 (Existing Well)

Pad Location: NENE (Lot 1) Section 2, T9S, R17E, S.L.B.&M.



SURVEYED BY: T.P.	DATE SURVEYED: 01-25-11
DRAWN BY: F.T.M.	DATE DRAWN: 03-08-11
SCALE: 1" = 50'	REVISED:

Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY

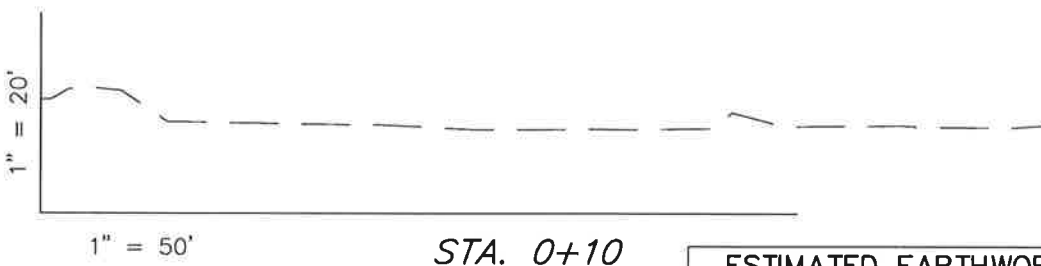
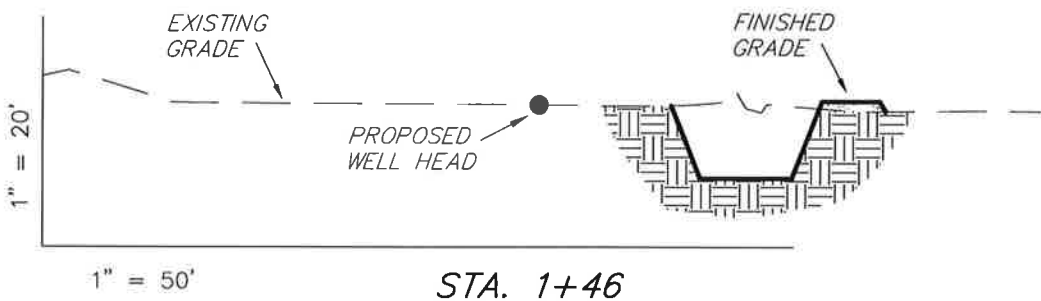
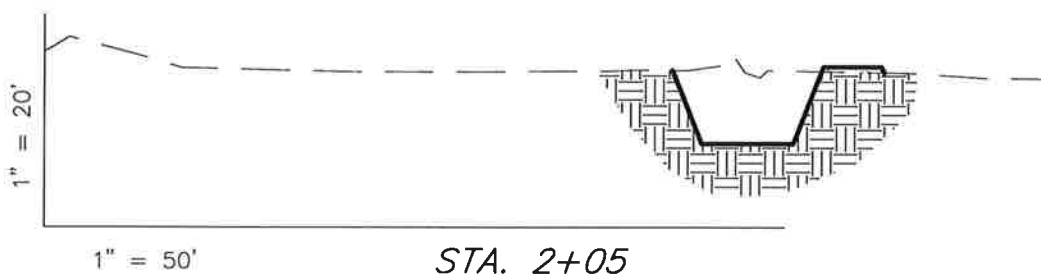
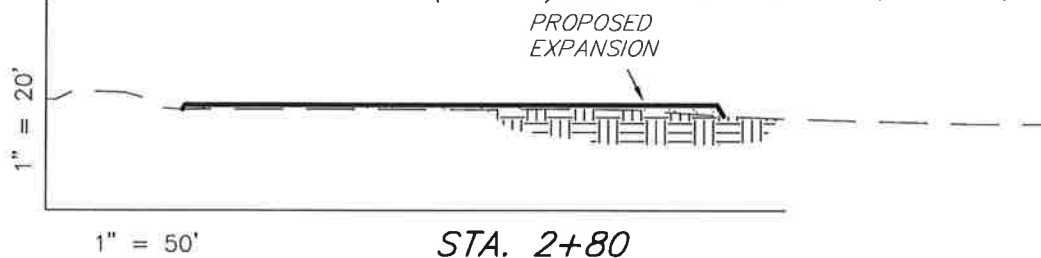
CROSS SECTIONS

J-2-9-17 (Proposed Well)

B-2-9-17 (Proposed Well)

1-2-9-17 (Existing Well)

Pad Location: NENE (Lot 1) Section 2, T9S, R17E, S.L.B.&M.



NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	0	140	Topsoil is not included in Pad Cut	-140
PIT	430	0		430
TOTALS	430	140	390	290

SURVEYED BY: T.P.

DATE SURVEYED: 01-25-11

DRAWN BY: F.T.M.

DATE DRAWN: 03-08-11

SCALE: 1" = 50'

REVISED:

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: Jun. 08, 2011

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

March 25, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Greater Monument
Butte Unit, Duchesne and Uintah Counties,
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-50656	GMBU P-32-8-17	Sec 32 T08S R17E 0500 FSL 0675 FWL BHL Sec 32 T08S R17E 1325 FSL 0100 FWL
43-013-50657	GMBU W-32-8-17	Sec 32 T08S R17E 0773 FSL 1997 FWL BHL Sec 32 T08S R17E 0100 FSL 2614 FWL
43-047-51546	GMBU B-36-8-17	Sec 36 T08S R17E 0770 FNL 2032 FEL BHL Sec 36 T08S R17E 0100 FNL 1400 FEL
43-047-51547	GMBU C-36-8-17	Sec 36 T08S R17E 0768 FNL 2054 FEL BHL Sec 36 T08S R17E 0100 FNL 2629 FEL
43-047-51548	GMBU D-36-8-17	Sec 36 T08S R17E 0668 FNL 1987 FWL BHL Sec 36 T08S R17E 0100 FNL 1320 FWL
43-013-50658	GMBU O-32-8-17	Sec 32 T08S R17E 1923 FNL 0555 FWL BHL Sec 32 T08S R17E 2595 FSL 0100 FWL
43-047-51549	GMBU B-2-9-17	Sec 02 T09S R17E 0634 FNL 0643 FEL BHL Sec 02 T09S R17E 0100 FNL 1235 FEL
43-047-51550	GMBU J-2-9-17	Sec 02 T09S R17E 0650 FNL 0658 FEL BHL Sec 02 T09S R17E 1330 FNL 0100 FEL

RECEIVED: Jun. 08, 2011

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-047-51551	GMBU C-2-9-17	Sec 02 T09S R17E 0502 FNL 1961 FEL
		BHL Sec 02 T09S R17E 0100 FNL 2575 FWL

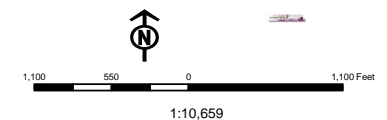
This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of
Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.03.25 09:53:50 -06'00'

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:3-25-11





VIA ELECTRONIC DELIVERY

March 28, 2011

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
GMBU B-2-9-17
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R17E Section 2: NENE (ML-45555)
634' FNL 643' FEL

At Target: T9S-R17E Section 2: NENE (ML-45555)
100' FNL 1235' FEL

Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 3/24/11, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-existing roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4197 or by email at sgillespie@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

A handwritten signature in blue ink, appearing to read "Shane Gillespie".

Shane Gillespie
Land Associate

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

 AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5 MINERAL LEASE NO: ML-45555	6 SURFACE State
1A TYPE OF WORK DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7 IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
8 TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8 UNIT or CA AGREEMENT NAME Greater Monument Butte	
2 NAME OF OPERATOR Newfield Production Company				9 WELL NAME and NUMBER GMBU B-2-9-17	
3 ADDRESS OF OPERATOR: Route #3 Box 3630 Myton UT 84052				10 FIELD AND POOL, OR WILDCAT Monument Butte	
4 LOCATION OF WELL (FOOTAGES) AT SURFACE NE/NE 634' FNL 643' FEL Sec. 2 T9S R17E AT PROPOSED PRODUCING ZONE: NE/NE 100' FNL 1235' FEL Sec. 2 T9S R17E				11 QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 9S 17E	
14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 16.1 miles southeast of Myton, Utah				12 COUNTY Uintah	13 STATE: UTAH
15 DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) Approx. 100' f/lse line, NA' f/unit line		16 NUMBER OF ACRES IN LEASE 640.20 acres		17 NUMBER OF ACRES ASSIGNED TO THIS WELL: 20 acres	
18 DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) Approx. 1145'		19 PROPOSED DEPTH 6,236		20 BOND DESCRIPTION: #B001834	
21 ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4991' GL		22 APPROXIMATE DATE WORK WILL START 2nd Qtr. 2011		23 ESTIMATED DURATION: (15) days from SPUD to rig release	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4"	8 5/8 J-55 24.0	300	Class G w/2% CaCl 155 sx +/- 1.17 15.8
7 7/8"	5 1/2 J-55 15.5	6,236	Lead(Prem Lite II) 275 sx +/- 3.26 11.0
			Tail (50/50 Poz) 450 sx +/- 1.24 14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☒ WELL PLAN OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☒ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

- ☒ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Mandie GrozierTITLE Regulatory Specialist

SIGNATURE

DATE

3/24/11

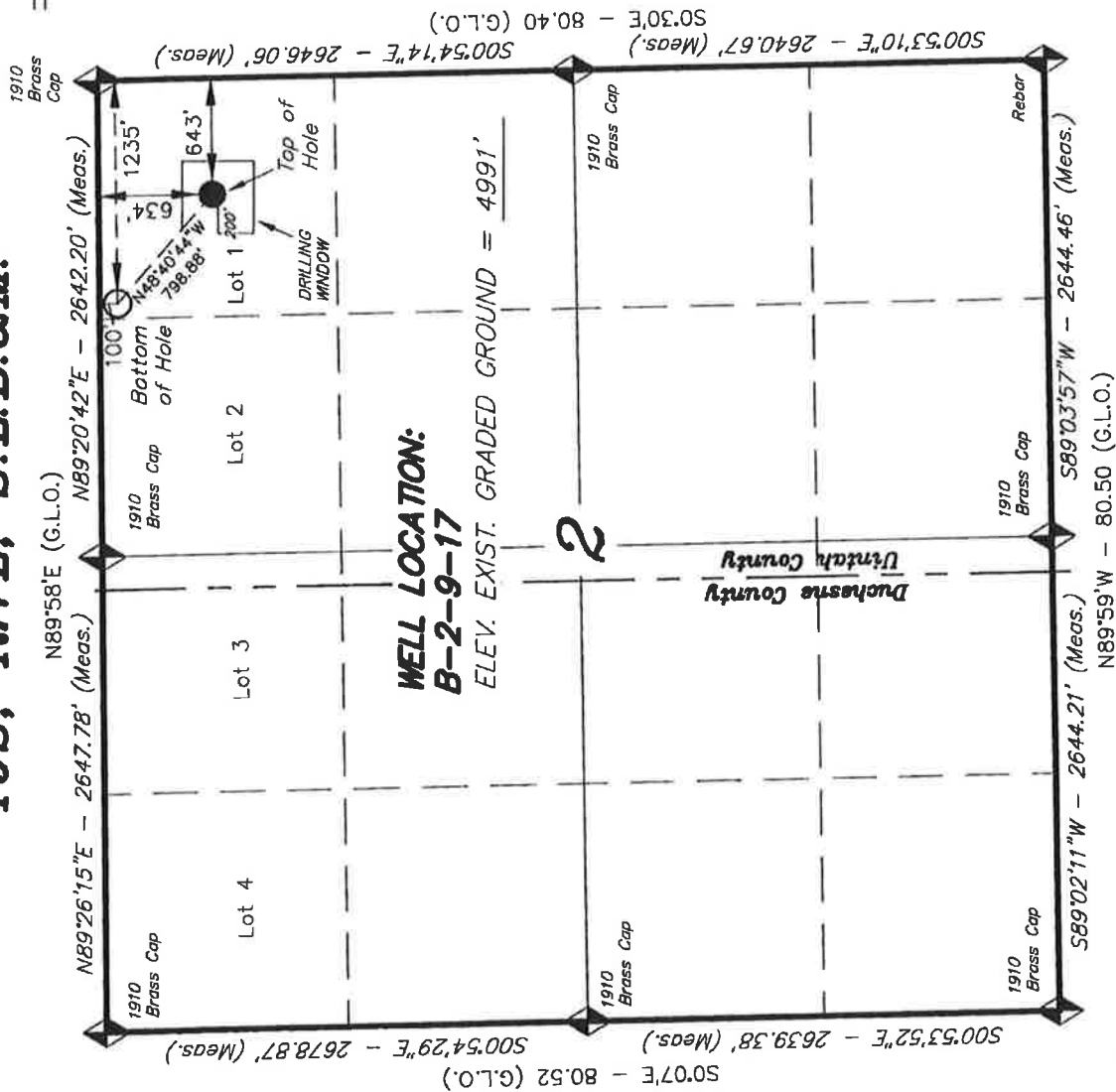
(This space for State use only)

API NUMBER ASSIGNED _____

APPROVAL _____

T9S, R17E, S.L.B.&M.

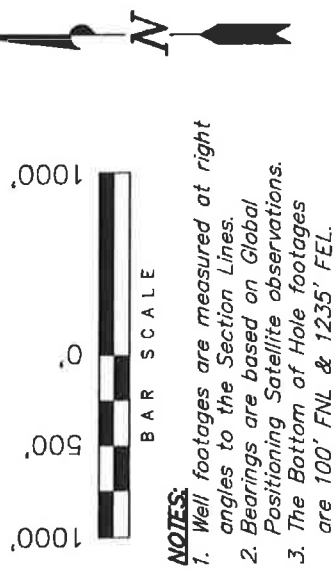
NEWFIELD EXPLORATION COMPANY



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

B-2-9-17
 (Surface Location) **NAD 83**
 LATITUDE = 40° 03' 55.64"
 LONGITUDE = 109° 58' 00.03"



- NOTES:**
1. Well footages are measured at right angles to the Section Lines.
 2. Bearings are based on Global Positioning Satellite observations.
 3. The Bottom of Hole footages are 100' FNL & 1235' FEL.

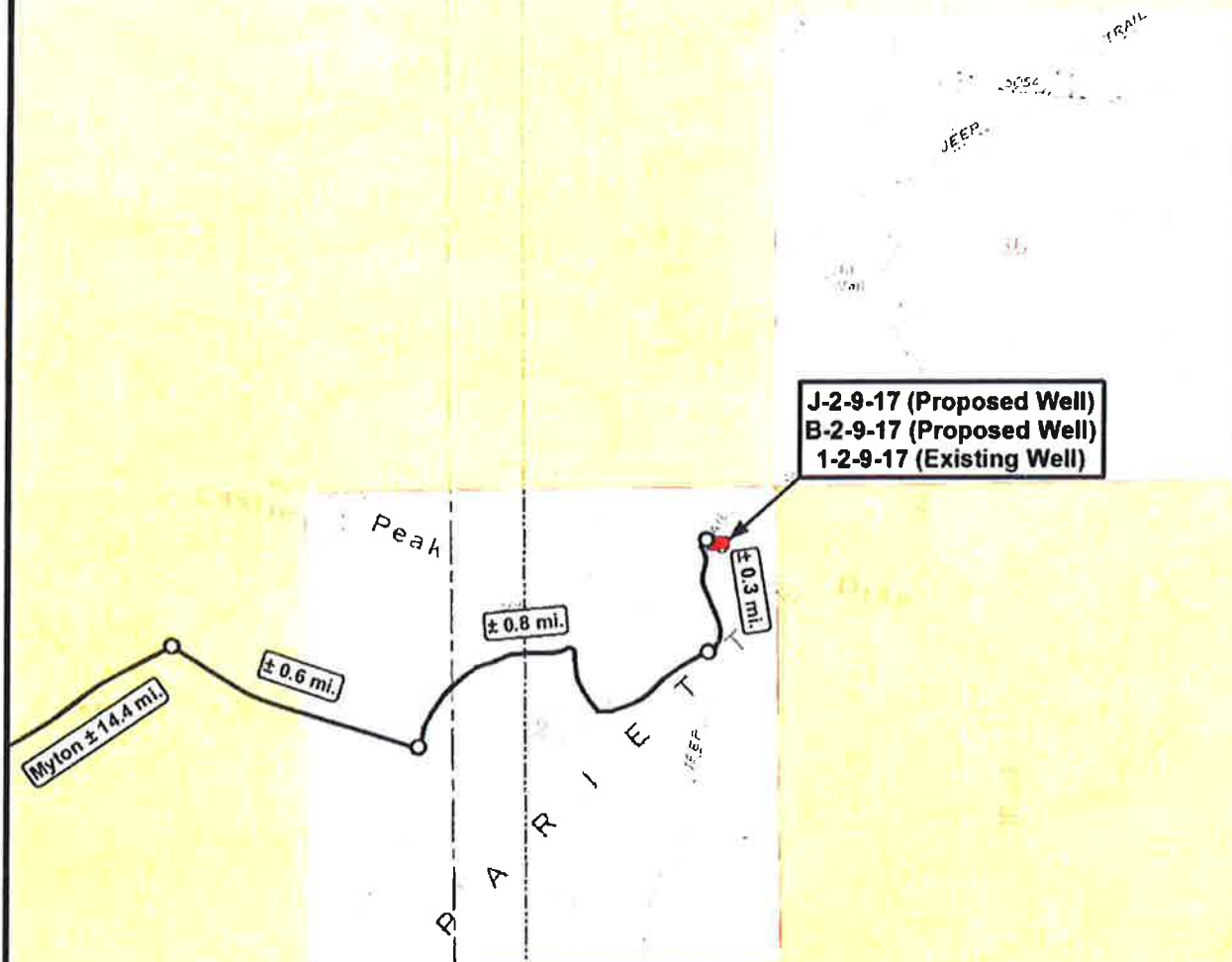
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. 189377

STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 189377
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 01-25-11	SURVEYED BY: T.P.
DATE DRAWN: 03-07-11	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

Access Road Map



Legend

— Existing Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

J-2-9-17 (Proposed Well)

B-2-9-17 (Proposed Well)

1-2-9-17 (Existing Well)

SEC. 2, T9S, R17E, S.L.B.&M. Uintah County, UT.

DRAWN BY: C.H.M.
DATE: 03-08-2011
SCALE: 1" = 2,000'

TOPOGRAPHIC MAP

SHEET
B

From: Jim Davis
To: Bonner, Ed; Garrison, LaVonne; Hill, Brad; Mason, Diana
CC: mcrozier@newfield.com; teaton@newfield.com
Date: 5/12/2011 10:02 AM
Subject: Newfield APD approvals

The following APDs have been approved by SITLA. Please see the arch and paleo notes below.

Arch and paleo clearance is granted on this group of APDs.

4301350649 GMBU I-32-8-17
4304751540 GMBU N-36-8-17
4301350658 GMBU O-32-8-17
4301350659 State 3-36-9-16H
4304751549 GMBU B-2-9-17
4304751550 GMBU J-2-9-17
4304751551 GMBU C-2-9-17
4301350673 GMBU S-2-9-15
4301350674 GMBU V-2-9-15
4301350690 GMBU J-32-8-17

On existing pad, requiring no new surface disturbance. Arch and paleo not required.
4304751553 GMBU D-2-9-17

-Jim Davis

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

Well Name	NEWFIELD PRODUCTION COMPANY GMBU B-2-9-17 43047			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	300	6135		
Previous Shoe Setting Depth (TVD)	0	300		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2681	8.4		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	129	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	93	YES air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	63	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	63	NO OK
Required Casing/BOPE Test Pressure=		300	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	2680	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1944	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1330	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1396	NO Reasonable for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		300	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

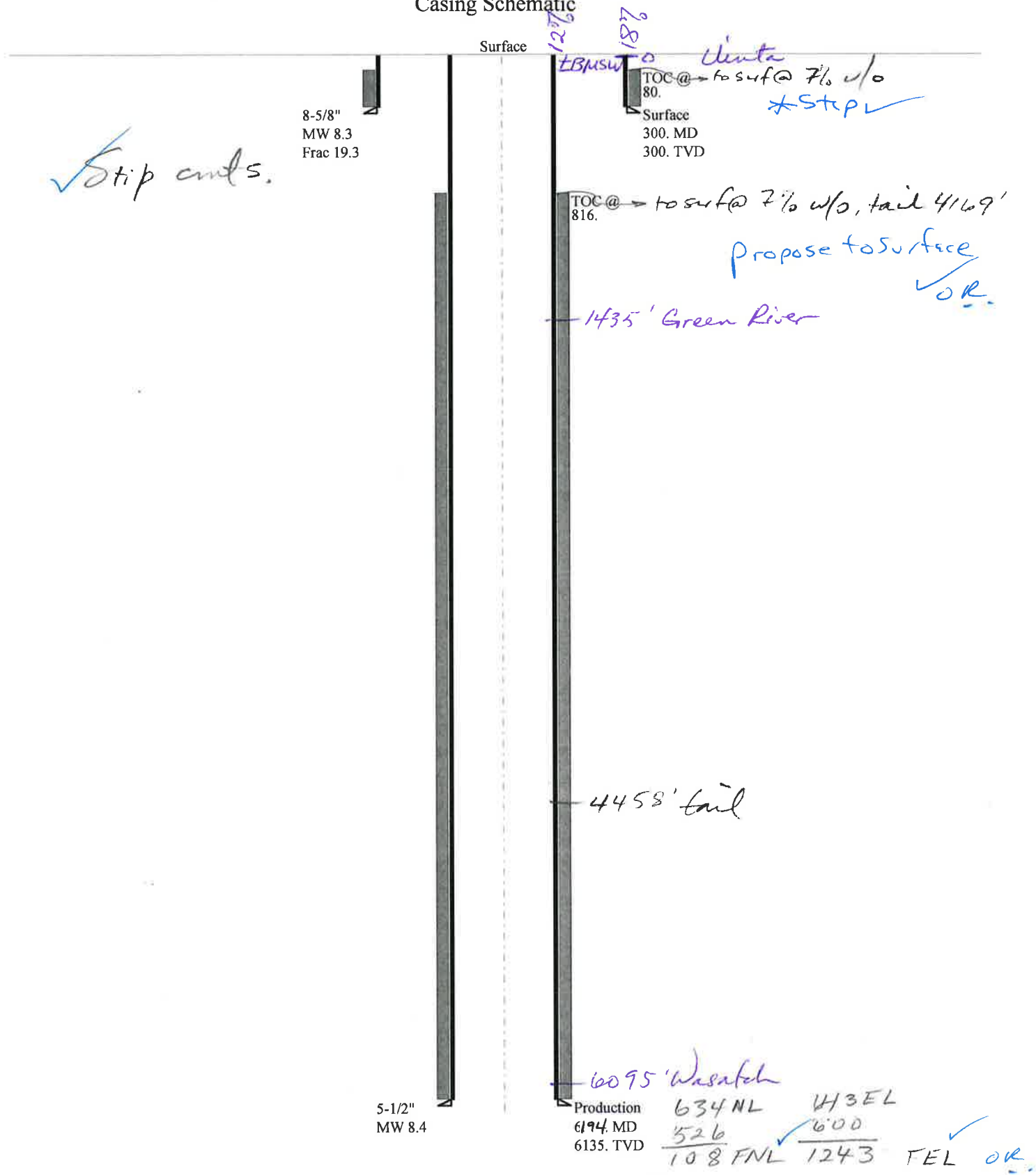
Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi

API Well Number: 43047515490000

*Max Pressure Allowed @ Previous Casing Shoe=	<input type="text"/>	psi *Assumes 1psi/ft frac gradient
---	----------------------	------------------------------------

43047515490000 GMBU B-2-9-17

Casing Schematic



SW SE Sec 2-8S-17E

Well name:	43047515490000 GMBU B-2-9-17		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Surface	Project ID:	43-047-51549
Location:	UINTAH	COUNTY	

Design parameters:**Collapse**

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 78 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 80 ft

Burst

Max anticipated surface pressure: 264 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 300 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 262 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 6,135 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,677 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 300 ft
Injection pressure: 300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	300	8.625	24.00	J-55	ST&C	300	300	7.972	1544
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	130	1370	10.557	300	2950	9.83	7.2	244	33.90 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: May 25, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 300 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

RECEIVED: Jun. 08, 2011

Well name:	43047515490000 GMBU B-2-9-17	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Production	Project ID: 43-047-51549
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 160 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 812 ft

Burst

Max anticipated surface pressure: 1,327 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,677 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Directional well information:

Kick-off point 600 ft
Departure at shoe: 799 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 8.66 °

Tension is based on air weight.

Neutral point: 5,405 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	6194	5.5	15.50	J-55	LT&C	6135	6194	4.825	21871
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2677	4040	1.509	2677	4810	1.80	95.1	217	2.28 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: June 7, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6135 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

RECEIVED: Jun. 08, 2011

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator	NEWFIELD PRODUCTION COMPANY				
Well Name	GMBU B-2-9-17				
API Number	43047515490000	APD No	3587	Field/Unit	MONUMENT BUTTE
Location: 1/4,1/4	NENE	Sec	2	Tw	9.0S
		Rng	17.0E	634	FNL 643 FEL
GPS Coord (UTM)	588181	4435329	Surface Owner		

Participants

Floyd Bartlett (DOGM), Tim Eaton (Newfield), Jim Davis (SITLA) and Ben Williams (UDWR).

Regional/Local Setting & Topography

The proposed GMBU B-2-9-17 and GMBU J-2-9-17 oil wells will be drilled from the existing pad of the State #1-2-9-17 which is a producing oil well. The new wells will be directionally drilled. The pad will be extended 39 feet to the east onto a gentle area. A drainage ditch currently exists on the south of the location. It should be re-established when the reserve pit is closed. The area is designated for 20 acre spacing. A reserve pit will be re-dug in approximately the previous location. A field review of the existing pad showed no stability concerns as it now exists. With the small extension it should be suitable for drilling and operating the proposed additional wells.

SITLA owns the surface and the minerals.

Surface Use Plan

Current Surface Use

Existing Well Pad

New Road Miles	Well Pad	Src Const Material	Surface Formation
	Width Length		

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Existing pad.

Soil Type and Characteristics

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? Y

A drainage ditch currently exists on the south of the location. It should be re-established when the reserve pit is closed.

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y Paleo Potential Observed? Y Cultural Survey Run? Y Cultural Resources? N

Reserve Pit**Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
Final Score		40	1 Sensitivity Level

Characteristics / Requirements

A reserve pit will be re-dug in the original location on the south side. Its dimensions are 80' x 40' x 8' deep. A 16 mil liner with a sub-liner is required.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Floyd Bartlett
Evaluator

4/6/2011
Date / Time

Application for Permit to Drill Statement of Basis

6/8/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3587	43047515490000	LOCKED	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD		
Well Name	GMBU B-2-9-17		Unit	GMBU (GRRV)	
Field	MONUMENT BUTTE		Type of Work	DRILL	
Location	NENE 2 9S 17E S 634 FNL 643 FEL GPS Coord (UTM) 588178E 4435330N				

Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The the base of the moderately saline water at this location is estimated to be at a or near the surface. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 2. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement programs should adequately protect ground water in the area.

 Brad Hill
APD Evaluator

 4/28/2011
Date / Time
Surface Statement of Basis

The proposed GMBU B-2-9-17 and GMBU J-2-9-17 oil wells will be drilled from the existing pad of the State #1-2-9-17 which is a producing oil well. The new wells will be directionally drilled. The pad will be extended 39 feet to the east onto a gentle area. A drainage ditch currently exists on the south of the location. It should be re-established when the reserve pit is closed. The area is designated for 20 acre spacing. A reserve pit will be re-dug in approximately the previous location. A field review of the existing pad showed no stability concerns as it now exists. With the small extension it should be suitable for drilling and operating the proposed additional wells.

SITLA owns the surface and the minerals. Mr. Jim Davis of SITLA attended the evaluation and had no concerns except as noted above. Mr. Ben Williams of the UDWR also attended and had no recommendations for wildlife.

 Floyd Bartlett
Onsite Evaluator

 4/6/2011
Date / Time
Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/24/2011**API NO. ASSIGNED:** 43047515490000**WELL NAME:** GMBU B-2-9-17**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695)**PHONE NUMBER:** 435 646-4825**CONTACT:** Mandie Crozier**PROPOSED LOCATION:** NENE 02 090S 170E**Permit Tech Review:** ☒**SURFACE:** 0634 FNL 0643 FEL**Engineering Review:** ☒**BOTTOM:** 0100 FNL 1235 FEL**Geology Review:** ☒**COUNTY:** UINTAH**LATITUDE:** 40.06551**LONGITUDE:** -109.96603**UTM SURF EASTINGS:** 588178.00**NORTHINGS:** 4435330.00**FIELD NAME:** MONUMENT BUTTE**LEASE TYPE:** 3 - State**LEASE NUMBER:** ML-45555**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER**SURFACE OWNER:** 3 - State**COALBED METHANE:** NO**RECEIVED AND/OR REVIEWED:**

- ☒ **PLAT**
- ☒ **Bond:** STATE - B001834
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☒ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingle Approved**LOCATION AND SITING:**

- ☐ **R649-2-3.**
- Unit:** GMBU (GRRV)
- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☒ **Drilling Unit**
- Board Cause No:** Cause 213-11
- Effective Date:** 11/30/2009
- Siting:** Suspends General Siting
- ☒ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - hmadonald
15 - Directional - dmason
27 - Other - bhill

RECEIVED: Jun. 08, 2011



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: GMBU B-2-9-17
API Well Number: 43047515490000
Lease Number: ML-45555
Surface Owner: STATE
Approval Date: 6/8/2011

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Cement volumes for the 8 5/8" and 5 1/2" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet

- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:



For John Rogers
Associate Director, Oil & Gas

Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# 29 Submitted By Britt Stubbs Phone Number 435-823-0096
Well Name/Number GMBU B-2-9-17
Qtr/Qtr NE/NE Section 2 Township 9S Range 17E
Lease Serial Number ML-45555
API Number 43-047-51549

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 7/15/11 9:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 7/15/11 2:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	17400 ✓	4304751549	GMBU B-2-9-17	NENE	2	9S	17E	UINTAH	7/15/2011	7/21/11
WELL 1 COMMENTS: GRUV BHL = NENE											
B	99999	17400 ✓	4301350473	GMBU Q-11-9-16	NWSW	11	9S	16E	DUCHESNE	7/7/2011	7/21/11
GRUV BHL = SESW											
B	99999	17400 ✓	4304751547	GMBU C-36-8-17	NWNE	36	8S	17E	UINTAH	7/6/2011	7/21/11
GRUV BHL = NWNE											
B	99999	17400 ✓	4301350539	GMBU R-10-9-16	SESW	10	9S	16E	DUCHESNE	7/12/2011	7/21/11
GRUV BHL = NWSE											
B	99999	17400 ✓	4301350540	GMBU C-15-9-16	SESW	10	9S	16E	DUCHESNE	7/11/2011	7/21/11
GRUV BHL = Sec 15 NWNE											
A	99999	18128	4304751414	RIO GRANDE 11-13-4-1W	NESW	13	4S	1W	UINTAH	6/24/2011	7/21/11
GRUV											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

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Signature Jentrl Park
Production Clerk 07/20/11

NOTE: Use COMMENT section to explain why each Action Code was selected.

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-45555
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: GMBU B-2-9-17
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		9. API NUMBER: 4304751549
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 2, T9S, R17E		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: UINTAH
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/20/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 7/15/11 MIRU Ross #29. Spud well @9:00 AM. Drill 325' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55' 24# csgn. Set @ 326.12. On 7/18/11 cement with 160 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 3 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Britt Stubbs	TITLE Spud Rig Foreman
SIGNATURE 	DATE 07/19/2011

(This space for State use only)

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NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8"	CASING SET AT	326.12
--------	---------------	--------

LAST CASING	<u>14</u>	SET AT	<u>11</u>
DATUM	<u>12</u>		
DATUM TO CUT OFF CASING		<u>12</u>	
DATUM TO BRADENHEAD FLANGE		<u>12</u>	
TD DRILLER	<u>325</u>	LOGGER	<u></u>
HOLE SIZE	<u>12 1/4"</u>		

OPERATOR Newfield Exploration Company
WELL GMBU B-2-9-17
FIELD/PROSPECT Monument Butte
CONTRACTOR & RIG # Ross #29

LOG OF CASING STRING:

[illegible]

[illegible]

COMPANY REPRESENTATIVE

Britt Stubbs

DATE **7/18/2011**

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45555
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: GMBU B-2-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0634 FNL 0643 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 02 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43047515490000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		COUNTY: UINTAH
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/31/2011			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well was completed on 08/31/2011. Attached is a daily completion status report.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician
SIGNATURE N/A	DATE 9/9/2011	

Daily Activity Report**Format For Sundry****GMBU B-2-9-17****6/1/2011 To 10/30/2011****8/25/2011 Day: 1****Completion**

Rigless on 8/25/2011 - CBL and perf stg 1. - NU Cameron BOP's. RU Hot oiler & test casing, Well head, Casing valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6117' w/ TOC @ 61'. RIH w/ 3 1/8" ported guns & perforate CP5 sds @ 5934-36, 5930-32' & CP2 sds @ 5698-5700' w/ (11 gram, .36"EH, 16.82 pen. 120°) 3 spf for total of shots. RD WLT & Hot Oiler. SIWFN w/ 147 BWTR. - NU Cameron BOP's. RU Hot oiler & test casing, Well head, Casing valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6117' w/ TOC @ 61'. RIH w/ 3 1/8" ported guns & perforate CP5 sds @ 5934-36, 5930-32' & CP2 sds @ 5698-5700' w/ (11 gram, .36"EH, 16.82 pen. 120°) 3 spf for total of shots. RD WLT & Hot Oiler. SIWFN w/ 147 BWTR. - Crew travel and safety meeting. RU BJ Services. Frac stg 1- CP5/CP2 sds as shown in stimulation report. 599 BWTR. - Crew travel and safety meeting. RU BJ Services. Frac stg 1- CP5/CP2 sds as shown in stimulation report. 599 BWTR. - RU The Perforators wireline. Set CFTP @ 5200' & perf stg 2- B2/C sds as shown in perforation report. RU BJ Services. Frac stg 2- B2/C sds as shown in stimulation report. 1144.9 BWTR. - RU The Perforators wireline. Set CFTP @ 5200' & perf stg 2- B2/C sds as shown in perforation report. RU BJ Services. Frac stg 2- B2/C sds as shown in stimulation report. 1144.9 BWTR. - RU The Perforators wireline. Set CFTP @ 4905' & perf stg 3- D2/D-S3 sds as shown in perforation report. RU BJ Services. Frac stg 3- D2/D-S3 sds as shown in stimulation report. 1732 BWTR. - RD BJ Services & The Perforators wireline. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 5 hrs & turned to oil. Recovered 900 bbls. SWIFN. 832 BWTR. - RD BJ Services & The Perforators wireline. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 5 hrs & turned to oil. Recovered 900 bbls. SWIFN. 832 BWTR. - RU The Perforators wireline. Set CFTP @ 4905' & perf stg 3- D2/D-S3 sds as shown in perforation report. RU BJ Services. Frac stg 3- D2/D-S3 sds as shown in stimulation report. 1732 BWTR.

Daily Cost: \$0**Cumulative Cost: \$19,202****8/26/2011 Day: 3****Completion**

WWS #1 on 8/26/2011 - MIRUWOR. MIRUWLT to set KP. RU to RIH w/ tbg to 3000'. SWIFN. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. MIRUWOR. MIRU Extreme WLT to RIH and set KP @ 4670'. SICP @ 0. ND Frac BOPS and NU 5K Shaffer BOPS. RU floor and tbg equip. Tally tbg and RIH w/ 4-3/4" chomp bit, bit sub and 96 jts of 2-7/8" EUE tbg to 3000'. SWIFN.

Daily Cost: \$0**Cumulative Cost: \$111,859****8/30/2011 Day: 4****Completion**

WWS #1 on 8/30/2011 - DO/CO to PBTD. Pull 2 jts and Swab back fluid. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. SICP @ 0. PU tbg and RIH to tag KP @ 4670'. RU Nabors pwr swvl and RU pump. DO plg in 18 min. Cont to PU tbg to tag plg 1 @ 4905'. DO in 16 min. Cont. to PU tbg to tag fill @ 5093'. CO to plg 2 @ 5200'. DO plg 2 in 22 min. Cont PU tbg to tag fill @ 6000'. CO to PBTD @ 6153'. Circ well cln then LD pwr swvl. LD 2 jts. EOT @ 6061'. RU to make 9 swab runs. Rec 96 BW- no oil or gas. Fluid level @ 1800'. SWIFN.

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Daily Cost: \$0**Cumulative Cost:** \$118,544

8/31/2011 Day: 5**Completion**

WWS #1 on 8/31/2011 - Swab back fluid and RBIH to PBTD. Circ well cln and POOH. RBIH w/Production string, set TAC, land well and PU/Run rods/pump. Seat pump, stroke test and SDFN. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. SICP - on vac. SITP 20 psi. Swabbed 6 runs, starting FL @ 900'. EFL @ 2100'. Rec. 55 BW w/no sand/oil/gas. Rec 150 Bbls swabbing total. RD swabbing equip. PU 2 jts to tag PBTD @ 6153'. No new fill. Circ well w/180 BW. Lost 40 BW. LD 5 jts and TOOH w/ 96 stands. LD 4-3/4" chomp bit and bit sub. RBIH w/ NC, 2 jts, SN, 1 jt, Cent Hyd TAC dressed w/ Carbide slips, and 189 jts. RD floor and ND BOPS. Set TAC @ 5917' w/18,000# tension. Land w/tbg hanger. SN @ 5951'. EOT @ 6015'. Change over to rod equip. Prime Central Hyd 25-175-RHAC-20-4-21-24 pump. RIH w/5-1.5" WB w/ 1" stabilizers inbetween each WB, 160-3/4" 4 pers, 70- 7/8" 8 pers, and 1-2'X 7/8" pony rod. Seat pump w/ 1.5"X30' polish rod. Hang head and fill tbg w/ 3 BW. Stroke test up to 800 PSI using unit. SWI and leave until done completing the J-2-9-17. 144" SL **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$197,355

Pertinent Files: [Go to File List](#)**RECEIVED** Sep. 09, 2011

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. ML-45555			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., Other: _____						6. If Indian, Allottee or Tribe Name GMBU			
2. Name of Operator NEWFIELD EXPLORATION COMPANY						7. Unit or CA Agreement Name and No. GMBU			
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202						8. Lease Name and Well No. GMBU B-2-9-17			
3a. Phone No. (include area code) (435) 646-3721						9. AFI Well No. 43-047-51549			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 634' FNL & 643' FEL (NE/NE) SEC. 2, T9S, R17E (ML-45555) At top prod. interval reported below 239' FNL & 1077' FEL (NE/NE) SEC. 2, T9S, R17E (ML-45555) At total depth 123' FNL & 1210' FEL (NE/NE) SEC. 2, T9S, R17E (ML-45555) bhl by HSM						10. Field and Pool or Exploratory MONUMENT BUTTE			
11. Sec., T., R., M., on Block and Survey or Area SEC. 2, T9S, R17E						12. County or Parish UINTAH			
13. State UT						17. Elevations (DF, RKB, RT, GL)* 4991' GL 5003' KB			
14. Date Spudded 07/15/2011		15. Date T.D. Reached 08/05/2011		16. Date Completed 08/30/2011 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.					
18. Total Depth: MD 6195' TVD 6135'		19. Plug Back T.D.: MD 6153' TVD 6093		20. Depth Bridge Plug Set: MD TVD		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <input checked="" type="checkbox"/> DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND									
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	325'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6193'		250 PRIMLITE		61'	
						380 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@ 6015'	TA @ 5917'							
25. Producing Intervals									
Formation		Top	Bottom	26. Perforation Record		Size	No. Holes	Perf. Status	
A) Green River		4738'	5936'	4738-5936'		.36"	57		
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
4738-5936'		Frac w/ 177523#s 20/40 brown sand in 1131 bbls of Lightning 17 fluid in 3 stages.							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/2/11	9/12/11	24	➔	42	4	31			2-1/2" x 1-3/4" x 20' x 21' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status PRODUCING	
			➔						
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	4738'	5936'		GARDEN GULCH MRK GARDEN GULCH 1	3804' 3985'
				GARDEN GULCH 2 POINT 3	4104' 4368'
				X MRKR Y MRKR	4598' 4637'
				DOUGLAS CREEK MRK BI CARBONATE MRK	4767' 5016'
				B LIMESTON MRK CASTLE PEAK	5157' 5597'
				BASAL CARBONATE WASATCH	6016' 6137'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Jennifer Peatross

Title Production Technician

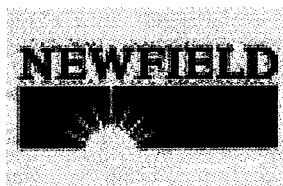
Signature

Date 10/06/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 2 T9S, R17E
B-2-9-17**

Wellbore #1

Design: Actual

Standard Survey Report

12 August, 2011





PayZone Directional Services, LLC.

Survey Report



Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well B-2-9-17
Project:	USGS Myton SW (UT)	TVD Reference:	B-2-9-17 @ 5003.0ft (Newfield Rig #2)
Site:	SECTION 2 T9S, R17E	MD Reference:	B-2-9-17 @ 5003.0ft (Newfield Rig #2)
Well:	B-2-9-17	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 2 T9S, R17E, SEC 2 T9S, R17E		
Site Position:		Northing:	7,194,800.00 ft
From:	Lat/Long	Easting:	2,067,293.09 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40° 3' 41.746 N
		Longitude:	109° 58' 29.067 W
		Grid Convergence:	0.98 °

Well	B-2-9-17, SHL LAT: 40 03 55.64 LONG: -109 58 00.03		
Well Position	+N/-S	0.0 ft	Northing:
	+E/-W	0.0 ft	Easting:
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,003.0 ft
		Latitude:	40° 3' 55.640 N
		Longitude:	109° 58' 0.030 W
		Ground Level:	4,991.0 ft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
	IGRF2010	2011/03/23	(°)
			11.31
			Dip Angle
			(°)
			65.84
			Field Strength
			(nT)
			52,322

Design	Actual		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
			Direction
			(°)
			311.32

Survey Program	Date 2011/08/12		
From	To	Survey (Wellbore)	Tool Name
(ft)	(ft)		
332.0	6,195.0	Survey #1 (Wellbore #1)	MWD
			Description
			MWD - Standard

Survey										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn	
Depth	(°)	(°)	Depth	(ft)	(ft)	Section	Rate	Rate	Rate	
(ft)			(ft)			(ft)	(°/100ft)	(°/100ft)	(°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
332.0	0.50	194.70	332.0	-1.4	-0.4	-0.6	0.15	0.15	0.00	
363.0	1.40	107.60	363.0	-1.6	0.0	-1.1	4.72	2.90	-280.97	
394.0	1.90	110.90	394.0	-1.9	0.8	-1.9	1.64	1.61	10.65	
424.0	1.80	113.00	424.0	-2.3	1.7	-2.8	0.40	-0.33	7.00	
454.0	0.90	118.80	454.0	-2.6	2.3	-3.5	3.03	-3.00	19.33	
484.0	0.50	47.50	484.0	-2.6	2.6	-3.7	2.93	-1.33	-237.67	
514.0	1.80	29.30	513.9	-2.1	3.0	-3.6	4.45	4.33	-60.67	
545.0	3.30	35.40	544.9	-1.0	3.7	-3.4	4.91	4.84	19.68	
576.0	4.20	38.20	575.8	0.6	4.9	-3.3	2.96	2.90	9.03	
607.0	5.60	44.90	606.7	2.6	6.7	-3.3	4.87	4.52	21.61	
631.0	6.50	47.40	630.6	4.4	8.5	-3.5	3.91	3.75	10.42	
667.0	6.80	46.50	666.4	7.2	11.6	-3.9	0.88	0.83	-2.50	

Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 2 T9S, R17E
 Well: B-2-9-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well B-2-9-17
 TVD Reference: B-2-9-17 @ 5003.0ft (Newfield Rig #2)
 MD Reference: B-2-9-17 @ 5003.0ft (Newfield Rig #2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
697.0	6.90	43.80	696.1	9.7	14.1	-4.2	1.12	0.33	-9.00
728.0	7.00	39.70	726.9	12.5	16.6	-4.2	1.63	0.32	-13.23
758.0	7.20	34.50	756.7	15.5	18.8	-3.9	2.24	0.67	-17.33
789.0	7.20	29.20	787.4	18.8	20.9	-3.3	2.14	0.00	-17.10
819.0	7.20	23.80	817.2	22.1	22.6	-2.3	2.26	0.00	-18.00
850.0	7.20	17.80	848.0	25.8	24.0	-1.0	2.42	0.00	-19.35
881.0	7.10	10.70	878.7	29.5	24.9	0.8	2.87	-0.32	-22.90
913.0	6.70	4.10	910.5	33.3	25.4	2.9	2.77	-1.25	-20.63
945.0	6.50	357.30	942.3	37.0	25.4	5.3	2.52	-0.63	-21.25
977.0	6.60	351.20	974.1	40.6	25.1	8.0	2.20	0.31	-19.06
1,008.0	6.80	342.80	1,004.9	44.1	24.3	10.9	3.22	0.65	-27.10
1,040.0	7.10	334.30	1,036.6	47.7	22.8	14.3	3.34	0.94	-26.56
1,072.0	7.20	326.60	1,068.4	51.2	20.9	18.1	3.01	0.31	-24.06
1,103.0	7.00	319.20	1,099.1	54.2	18.6	21.8	3.02	-0.65	-23.87
1,135.0	7.20	315.10	1,130.9	57.1	15.9	25.8	1.70	0.63	-12.81
1,167.0	7.80	313.80	1,162.6	60.0	12.9	29.9	1.95	1.88	-4.06
1,199.0	8.60	311.30	1,194.3	63.1	9.5	34.5	2.74	2.50	-7.81
1,230.0	9.00	309.90	1,224.9	66.2	5.9	39.2	1.46	1.29	-4.52
1,262.0	9.10	309.50	1,256.5	69.4	2.1	44.3	0.37	0.31	-1.25
1,294.0	9.60	307.70	1,288.1	72.7	-2.0	49.5	1.81	1.56	-5.63
1,325.0	10.30	306.60	1,318.6	75.9	-6.3	54.8	2.34	2.26	-3.55
1,357.0	10.90	306.80	1,350.1	79.4	-11.0	60.7	1.88	1.88	0.63
1,389.0	11.40	307.70	1,381.5	83.2	-15.9	66.8	1.65	1.56	2.81
1,420.0	11.70	309.70	1,411.9	87.0	-20.7	73.0	1.61	0.97	6.45
1,452.0	11.90	309.00	1,443.2	91.2	-25.8	79.6	0.77	0.63	-2.19
1,483.0	12.10	306.90	1,473.5	95.1	-30.9	86.0	1.55	0.65	-6.77
1,515.0	12.00	304.90	1,504.8	99.1	-36.3	92.7	1.34	-0.31	-6.25
1,547.0	11.90	303.40	1,536.1	102.8	-41.8	99.2	1.02	-0.31	-4.69
1,579.0	11.80	301.90	1,567.4	106.3	-47.3	105.7	1.01	-0.31	-4.69
1,610.0	11.90	301.60	1,597.8	109.7	-52.7	112.0	0.38	0.32	-0.97
1,642.0	11.70	301.80	1,629.1	113.1	-58.3	118.5	0.64	-0.63	0.63
1,674.0	11.30	301.60	1,660.4	116.5	-63.7	124.8	1.26	-1.25	-0.63
1,705.0	11.10	301.90	1,690.9	119.6	-68.8	130.7	0.67	-0.65	0.97
1,737.0	10.60	301.60	1,722.3	122.8	-74.0	136.6	1.57	-1.56	-0.94
1,769.0	10.20	301.80	1,753.8	125.8	-78.9	142.3	1.26	-1.25	0.63
1,801.0	9.80	302.80	1,785.3	128.8	-83.6	147.8	1.36	-1.25	3.13
1,832.0	9.60	303.70	1,815.8	131.7	-87.9	153.0	0.81	-0.65	2.90
1,896.0	9.70	301.80	1,878.9	137.5	-97.0	163.6	0.52	0.16	-2.97
1,927.0	9.40	301.40	1,909.5	140.2	-101.4	168.7	0.99	-0.97	-1.29
1,959.0	9.00	301.30	1,941.1	142.8	-105.7	173.7	1.25	-1.25	-0.31
1,991.0	8.70	301.70	1,972.7	145.4	-109.9	178.6	0.96	-0.94	1.25
2,023.0	8.70	302.90	2,004.3	148.0	-114.0	183.3	0.57	0.00	3.75
2,054.0	9.00	303.60	2,035.0	150.6	-118.0	188.1	1.03	0.97	2.26
2,086.0	9.20	304.20	2,066.6	153.4	-122.2	193.1	0.69	0.63	1.88
2,118.0	9.40	305.80	2,098.1	156.4	-126.4	198.2	1.02	0.63	5.00
2,149.0	9.60	305.20	2,128.7	159.4	-130.6	203.3	0.72	0.65	-1.94
2,181.0	9.30	305.50	2,160.3	162.4	-134.9	208.5	0.95	-0.94	0.94
2,213.0	9.40	305.70	2,191.9	165.4	-139.1	213.7	0.33	0.31	0.63
2,245.0	9.80	306.40	2,223.4	168.6	-143.4	219.0	1.30	1.25	2.19
2,276.0	10.00	307.70	2,253.9	171.8	-147.7	224.3	0.97	0.65	4.19
2,308.0	10.30	306.70	2,285.4	175.2	-152.2	230.0	1.09	0.94	-3.13
2,340.0	10.50	305.30	2,316.9	178.6	-156.8	235.7	1.01	0.63	-4.38
2,371.0	10.50	304.00	2,347.4	181.8	-161.5	241.3	0.76	0.00	-4.19
2,403.0	10.50	304.10	2,378.9	185.1	-166.3	247.1	0.06	0.00	0.31



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 T9S, R17E
Well: B-2-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well B-2-9-17
TVD Reference: B-2-9-17 @ 5003.0ft (Newfield Rig #2)
MD Reference: B-2-9-17 @ 5003.0ft (Newfield Rig #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,435.0	10.50	304.40	2,410.3	188.3	-171.1	252.9	0.17	0.00	0.94
2,467.0	10.40	305.80	2,441.8	191.7	-175.9	258.7	0.85	-0.31	4.38
2,499.0	10.40	307.60	2,473.3	195.1	-180.5	264.4	1.02	0.00	5.63
2,530.0	10.10	308.50	2,503.8	198.5	-184.9	269.9	1.10	-0.97	2.90
2,562.0	9.80	308.00	2,535.3	202.0	-189.2	275.4	0.98	-0.94	-1.56
2,594.0	9.60	307.90	2,566.8	205.3	-193.5	280.8	0.63	-0.63	-0.31
2,626.0	9.90	307.90	2,598.4	208.6	-197.7	286.2	0.94	0.94	0.00
2,657.0	9.90	306.70	2,628.9	211.8	-202.0	291.6	0.67	0.00	-3.87
2,689.0	9.50	305.50	2,660.5	215.0	-206.3	296.9	1.40	-1.25	-3.75
2,720.0	9.40	304.70	2,691.0	217.9	-210.5	302.0	0.53	-0.32	-2.58
2,752.0	9.10	304.50	2,722.6	220.9	-214.7	307.1	0.94	-0.94	-0.63
2,784.0	8.80	302.50	2,754.2	223.6	-218.9	312.0	1.35	-0.94	-6.25
2,815.0	8.30	303.20	2,784.9	226.1	-222.8	316.6	1.65	-1.61	2.26
2,847.0	7.80	304.40	2,816.6	228.6	-226.5	321.0	1.65	-1.56	3.75
2,879.0	7.60	305.90	2,848.3	231.1	-230.0	325.3	0.89	-0.63	4.69
2,911.0	7.50	307.40	2,880.0	233.6	-233.4	329.5	0.69	-0.31	4.69
2,942.0	7.50	309.70	2,910.7	236.1	-236.5	333.5	0.97	0.00	7.42
2,974.0	7.30	310.60	2,942.5	238.8	-239.7	337.6	0.72	-0.63	2.81
3,006.0	7.10	310.50	2,974.2	241.4	-242.7	341.6	0.63	-0.63	-0.31
3,037.0	7.50	309.90	3,005.0	243.9	-245.7	345.6	1.31	1.29	-1.94
3,069.0	8.10	310.50	3,036.7	246.7	-249.0	349.9	1.89	1.88	1.88
3,100.0	8.50	312.80	3,067.4	249.7	-252.4	354.4	1.68	1.29	7.42
3,132.0	8.50	313.10	3,099.0	252.9	-255.8	359.1	0.14	0.00	0.94
3,164.0	8.10	311.90	3,130.7	256.0	-259.2	363.7	1.36	-1.25	-3.75
3,196.0	8.00	309.50	3,162.3	258.9	-262.6	368.2	1.10	-0.31	-7.50
3,227.0	8.10	309.90	3,193.0	261.7	-266.0	372.6	0.37	0.32	1.29
3,259.0	8.30	311.90	3,224.7	264.7	-269.4	377.1	1.09	0.63	6.25
3,290.0	8.30	312.90	3,255.4	267.7	-272.7	381.6	0.47	0.00	3.23
3,322.0	9.00	314.80	3,287.0	271.1	-276.2	386.4	2.36	2.19	5.94
3,354.0	9.30	314.70	3,318.6	274.6	-279.8	391.5	0.94	0.94	-0.31
3,386.0	9.40	313.20	3,350.2	278.3	-283.6	396.7	0.82	0.31	-4.69
3,417.0	9.40	310.80	3,380.8	281.6	-287.3	401.7	1.26	0.00	-7.74
3,449.0	9.10	308.70	3,412.4	284.9	-291.3	406.9	1.41	-0.94	-6.56
3,481.0	9.10	306.90	3,444.0	288.0	-295.3	411.9	0.89	0.00	-5.63
3,512.0	8.90	307.40	3,474.6	291.0	-299.1	416.8	0.69	-0.65	1.61
3,544.0	9.00	307.60	3,506.2	294.0	-303.1	421.7	0.33	0.31	0.63
3,576.0	9.00	307.80	3,537.8	297.1	-307.1	426.7	0.10	0.00	0.63
3,607.0	9.00	307.20	3,568.4	300.0	-310.9	431.6	0.30	0.00	-1.94
3,638.0	9.00	306.40	3,599.0	302.9	-314.8	436.4	0.40	0.00	-2.58
3,670.0	8.80	305.20	3,630.6	305.8	-318.8	441.3	0.85	-0.63	-3.75
3,701.0	8.40	303.40	3,661.3	308.4	-322.6	445.9	1.56	-1.29	-5.81
3,733.0	7.80	302.80	3,693.0	310.9	-326.4	450.4	1.89	-1.88	-1.88
3,765.0	7.60	302.80	3,724.7	313.2	-330.0	454.6	0.63	-0.63	0.00
3,797.0	7.50	303.90	3,756.4	315.5	-333.5	458.8	0.55	-0.31	3.44
3,828.0	7.40	305.50	3,787.2	317.8	-336.8	462.8	0.74	-0.32	5.16
3,860.0	7.30	307.00	3,818.9	320.2	-340.1	466.9	0.68	-0.31	4.69
3,892.0	7.60	307.40	3,850.6	322.7	-343.4	471.0	0.95	0.94	1.25
3,923.0	8.00	309.20	3,881.3	325.3	-346.7	475.2	1.51	1.29	5.81
3,955.0	8.40	309.10	3,913.0	328.2	-350.3	479.8	1.25	1.25	-0.31
3,987.0	8.60	308.90	3,944.7	331.2	-353.9	484.5	0.63	0.63	-0.63
4,018.0	8.60	308.40	3,975.3	334.1	-357.6	489.1	0.24	0.00	-1.61
4,050.0	8.50	309.70	4,006.9	337.1	-361.3	493.9	0.68	-0.31	4.06
4,082.0	8.20	310.10	4,038.6	340.1	-364.8	498.5	0.95	-0.94	1.25
4,113.0	8.20	309.10	4,069.3	342.9	-368.2	503.0	0.46	0.00	-3.23



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Survey Report



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Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,145.0	8.10	309.00	4,101.0	345.7	-371.8	507.5	0.32	-0.31	-0.31
4,177.0	8.00	308.70	4,132.7	348.6	-375.2	512.0	0.34	-0.31	-0.94
4,208.0	7.70	309.10	4,163.4	351.2	-378.5	516.2	0.98	-0.97	1.29
4,240.0	7.70	308.90	4,195.1	353.9	-381.9	520.5	0.08	0.00	-0.63
4,272.0	7.50	308.60	4,226.8	356.6	-385.2	524.7	0.64	-0.63	-0.94
4,304.0	7.50	307.70	4,258.5	359.1	-388.5	528.9	0.37	0.00	-2.81
4,335.0	7.60	306.40	4,289.3	361.6	-391.7	532.9	0.64	0.32	-4.19
4,367.0	7.60	305.80	4,321.0	364.1	-395.1	537.2	0.25	0.00	-1.88
4,430.0	7.30	306.50	4,383.4	368.9	-401.7	545.3	0.50	-0.48	1.11
4,462.0	7.40	306.50	4,415.2	371.3	-405.0	549.4	0.31	0.31	0.00
4,494.0	7.30	306.50	4,446.9	373.8	-408.3	553.4	0.31	-0.31	0.00
4,525.0	7.30	307.70	4,477.7	376.2	-411.4	557.4	0.49	0.00	3.87
4,557.0	7.50	308.60	4,509.4	378.7	-414.7	561.5	0.72	0.63	2.81
4,589.0	7.60	309.60	4,541.1	381.4	-418.0	565.7	0.52	0.31	3.13
4,620.0	7.50	310.00	4,571.8	384.0	-421.1	569.8	0.36	-0.32	1.29
4,652.0	7.50	309.50	4,603.6	386.6	-424.3	573.9	0.20	0.00	-1.56
4,684.0	7.60	308.80	4,635.3	389.3	-427.6	578.1	0.42	0.31	-2.19
4,716.0	7.50	308.80	4,667.0	391.9	-430.8	582.3	0.31	-0.31	0.00
4,747.0	7.50	310.50	4,697.8	394.5	-433.9	586.4	0.72	0.00	5.48
4,779.0	7.60	313.10	4,729.5	397.3	-437.1	590.6	1.11	0.31	8.13
4,811.0	7.30	313.00	4,761.2	400.1	-440.1	594.7	0.94	-0.94	-0.31
4,843.0	6.90	311.70	4,793.0	402.8	-443.0	598.7	1.35	-1.25	-4.06
4,874.0	6.80	312.80	4,823.7	405.3	-445.8	602.4	0.53	-0.32	3.55
4,906.0	6.90	313.50	4,855.5	407.9	-448.6	606.2	0.41	0.31	2.19
4,937.0	6.80	312.50	4,886.3	410.4	-451.3	609.9	0.50	-0.32	-3.23
4,969.0	6.80	310.90	4,918.1	412.9	-454.1	613.7	0.59	0.00	-5.00
5,001.0	6.80	308.80	4,949.8	415.4	-457.0	617.5	0.78	0.00	-6.56
5,032.0	6.60	307.50	4,980.6	417.6	-459.8	621.1	0.81	-0.65	-4.19
5,064.0	6.40	307.30	5,012.4	419.8	-462.7	624.7	0.63	-0.63	-0.63
5,096.0	6.40	306.60	5,044.2	421.9	-465.6	628.3	0.24	0.00	-2.19
5,128.0	6.50	310.40	5,076.0	424.2	-468.4	631.8	1.37	0.31	11.88
5,159.0	6.70	314.10	5,106.8	426.6	-471.0	635.4	1.52	0.65	11.94
5,191.0	6.70	315.40	5,138.6	429.2	-473.7	639.1	0.47	0.00	4.06
5,223.0	6.50	314.70	5,170.4	431.8	-476.3	642.8	0.67	-0.63	-2.19
5,255.0	6.50	314.80	5,202.2	434.4	-478.8	646.4	0.04	0.00	0.31
5,286.0	6.50	314.80	5,233.0	436.8	-481.3	649.9	0.00	0.00	0.00
5,318.0	6.60	314.60	5,264.8	439.4	-483.9	653.6	0.32	0.31	-0.63
5,350.0	6.80	312.70	5,296.6	442.0	-486.6	657.3	0.93	0.63	-5.94
5,381.0	7.30	312.60	5,327.3	444.6	-489.4	661.1	1.61	1.61	-0.32
5,413.0	7.80	312.50	5,359.0	447.4	-492.5	665.3	1.56	1.56	-0.31
5,445.0	7.80	312.20	5,390.7	450.3	-495.7	669.6	0.13	0.00	-0.94
5,477.0	7.60	311.90	5,422.5	453.2	-498.9	673.9	0.64	-0.63	-0.94
5,508.0	7.60	309.60	5,453.2	455.9	-502.0	678.0	0.98	0.00	-7.42
5,540.0	7.50	309.10	5,484.9	458.5	-505.3	682.2	0.37	-0.31	-1.56
5,572.0	7.50	308.10	5,516.6	461.1	-508.5	686.4	0.41	0.00	-3.13
5,603.0	7.10	307.60	5,547.4	463.6	-511.6	690.3	1.31	-1.29	-1.61
5,635.0	7.30	308.80	5,579.1	466.0	-514.8	694.3	0.78	0.63	3.75
5,667.0	7.30	311.60	5,610.9	468.7	-517.9	698.4	1.11	0.00	8.75
5,698.0	7.40	313.40	5,641.6	471.3	-520.8	702.4	0.81	0.32	5.81
5,730.0	7.30	315.10	5,673.4	474.2	-523.8	706.5	0.75	-0.31	5.31
5,762.0	7.30	313.70	5,705.1	477.0	-526.7	710.5	0.56	0.00	-4.38
5,794.0	7.20	313.10	5,736.8	479.8	-529.6	714.5	0.39	-0.31	-1.88
5,825.0	7.30	313.80	5,767.6	482.5	-532.4	718.5	0.43	0.32	2.26
5,857.0	7.40	314.00	5,799.3	485.3	-535.4	722.5	0.32	0.31	0.63



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 T9S, R17E
Well: B-2-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well B-2-9-17
TVD Reference: B-2-9-17 @ 5003.0ft (Newfield Rig #2)
MD Reference: B-2-9-17 @ 5003.0ft (Newfield Rig #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,889.0	7.10	313.50	5,831.1	488.1	-538.3	726.6	0.96	-0.94	-1.56
5,920.0	6.90	311.00	5,861.8	490.7	-541.1	730.4	1.18	-0.65	-8.06
5,952.0	6.90	311.60	5,893.6	493.2	-544.0	734.2	0.23	0.00	1.88
5,984.0	6.90	311.30	5,925.4	495.8	-546.9	738.0	0.11	0.00	-0.94
6,016.0	7.10	309.20	5,957.1	498.3	-549.8	741.9	1.01	0.63	-6.56
6,047.0	7.10	308.70	5,987.9	500.7	-552.8	745.8	0.20	0.00	-1.61
6,079.0	7.20	308.10	6,019.7	503.2	-555.9	749.8	0.39	0.31	-1.88
6,101.7	6.99	307.54	6,042.2	504.9	-558.2	752.6	0.99	-0.94	-2.47
B-2-9-17 NO GO ZONE									
6,111.0	6.90	307.30	6,051.4	505.6	-559.0	753.7	0.99	-0.94	-2.58
6,144.0	6.70	305.80	6,084.2	507.9	-562.2	757.6	0.81	-0.61	-4.55
6,195.0	6.70	305.80	6,134.8	511.4	-567.0	763.5	0.00	0.00	0.00
B-2-9-17 TGT									

Wellbore Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
B-2-9-17 NO GO ZONE	0.00	0.00	6,135.0	0.0	0.0	7,196,244.25	2,069,526.18	40° 3' 55.640 N	109° 58' 0.030 W
- actual wellpath misses target center by 758.3ft at 6103.2ft MD (6043.6 TVD, 505.0 N, -558.3 E)									
- Polygon									
Point 1			6,135.0	634.0	-800.0	7,196,864.44	2,068,715.43		
Point 2			6,135.0	634.0	-400.0	7,196,871.30	2,069,115.37		
Point 3			6,135.0	634.0	-800.0	7,196,864.44	2,068,715.43		
B-2-9-17 TGT	0.00	0.00	6,135.0	527.5	-600.0	7,196,761.36	2,068,917.24	40° 4' 0.853 N	109° 58' 7.748 W
- actual wellpath misses target center by 36.7ft at 6195.0ft MD (6134.8 TVD, 511.4 N, -567.0 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD



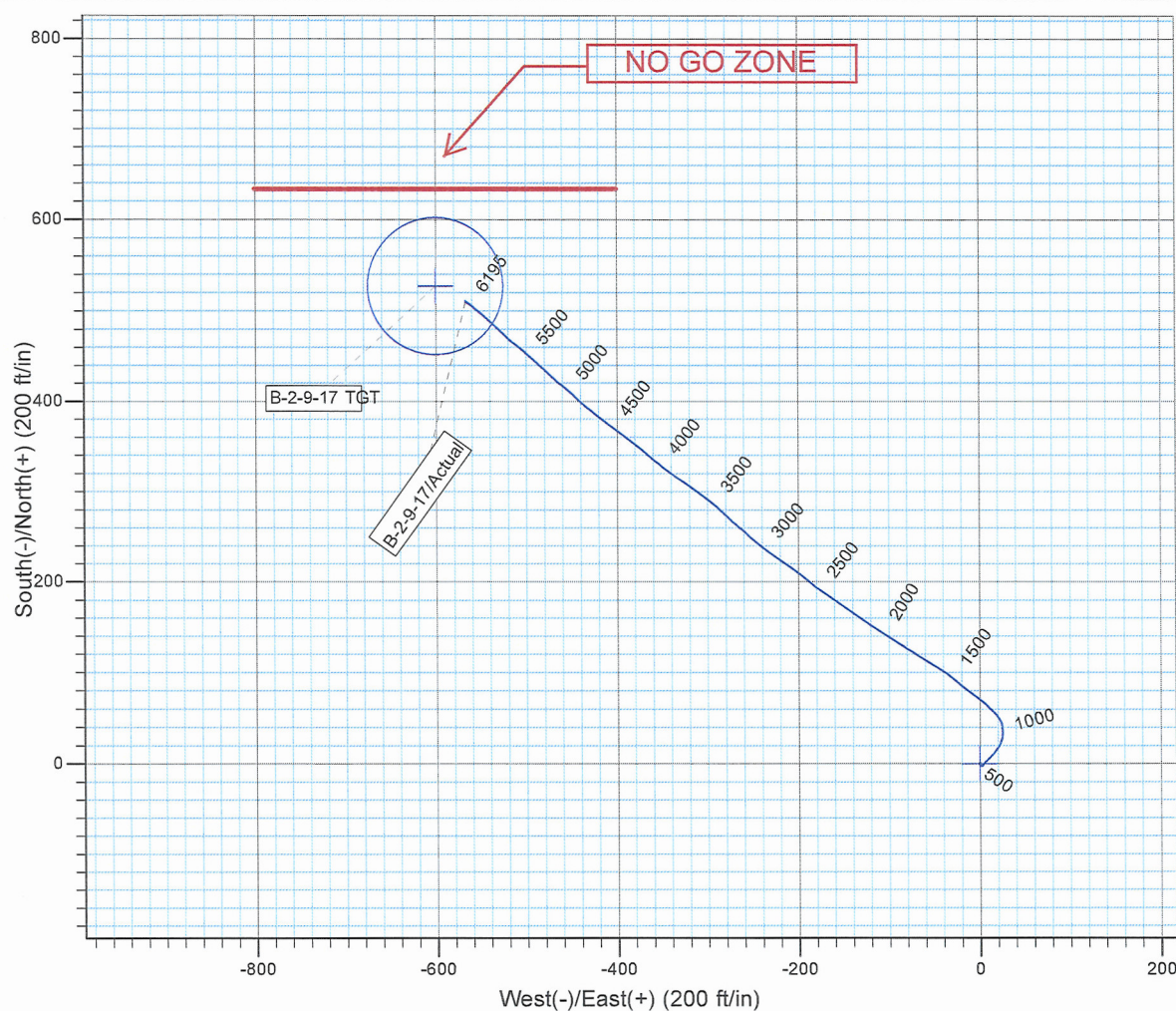
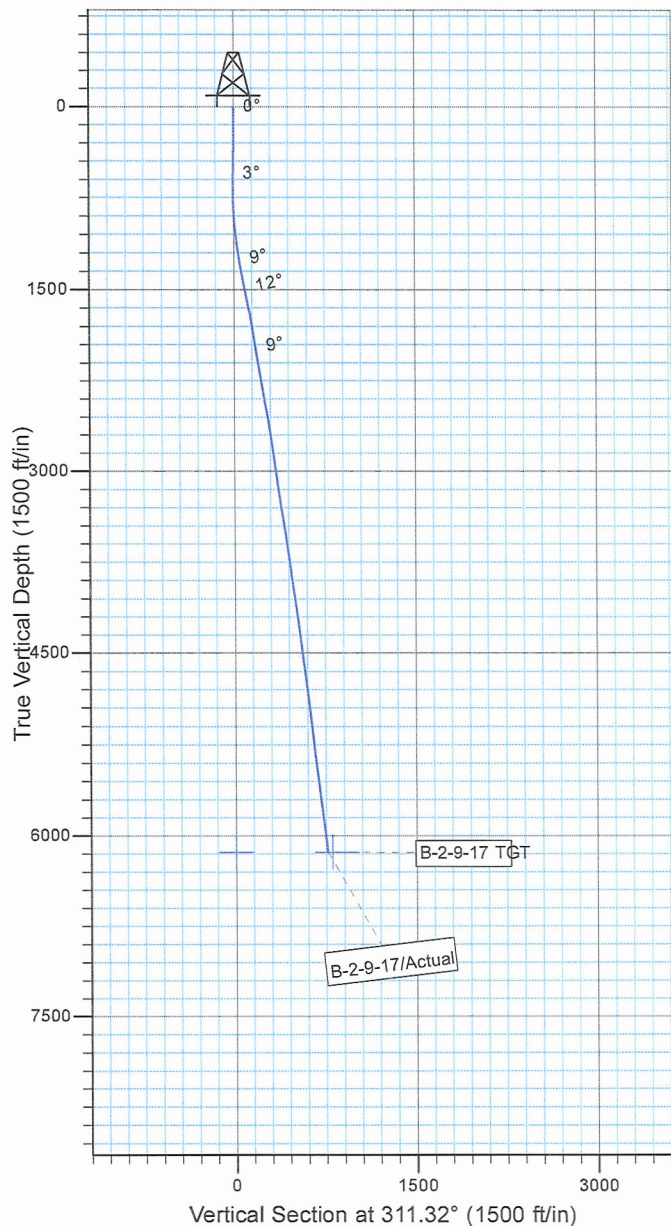
Project: USGS Myton SW (UT)
 Site: SECTION 2 T9S, R17E
 Well: B-2-9-17
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.31°

Magnetic Field
 Strength: 52322.0snT
 Dip Angle: 65.84°
 Date: 2011/03/23
 Model: IGRF2010



Design: Actual (B-2-9-17/Wellbore #1)



Created By: Sarah Webb Date: 18:52, August 12 2011
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report**Format For Sundry****GMBU B-2-9-17****6/1/2011 To 10/30/2011****GMBU B-2-9-17****Waiting on Cement****Date:** 7/18/2011

Ross #29 at 325. Days Since Spud - 326.12'KB. On 7/18/11 cement w/BJ w/160 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 - yield. Returned 3 bbls to pit, bump plug to 505 psi, BLM and State were notified of spud via email. - On 7/15/11 Ross #29 spud and drilled 325' of 12 1/4" hole, P/U and run 7 jts of 8 5/8" casing set

Daily Cost: \$0**Cumulative Cost:** \$60,202

GMBU B-2-9-17**Drill 7 7/8" hole with fresh water****Date:** 8/1/2011

NDSI #2 at 659. 1 Days Since Spud - Drill 7 7/8" Hole From 472' To 659' WOB 20,000 lbs,TRPM 160,GPM 400,AVG ROP 74.8 fph. - Stop Work Authority (Lighting Strikes Around Rig) - Drill 7 7/8" hole from 282' To 472' WOB 20,000 lbs,TRPM 160,GPM 400,AVG ROP 190 fph - Monel DC,1x3.35' Double Gap Sub,1X2.12' Index Sub, 1x5.28',5 jts HWDP.Tag @ 282' P/U Kelly Gain Circ - P/U BHA as follows,Hunting Mud Motor Hunting 7/8 lobe,4.3 stage,.33 rev,1.5 adjustable,1x31' NM - Work On Mud Pump. - mins. Everthing tested OK. - Safety Valve,Choke Line & Manifold To 2000 psi for 10 mins,Test Surface Casing To 1500 psi for 30 - Accepted Rig @ 3:00 PM 7/31/11,R/U B&C Quick Test,Test Upper Kelly Valve, Pipe Rams,Blind Rams, - MIRU Set Surface Equipment,W/Marcus Liddell Trucking (15' Rig Move to B-2-9-17) - Trip Out Hole For Dir Tools. (Got out hole Mud Motor Was Bad) - No H2s Reported Last 24 Hrs. - Laydown Bad Motor. Strao New Motor And Pickup Motor - Scribe Dir Tools Trip In Hole,Taking Surveys every 30'.

Daily Cost: \$0**Cumulative Cost:** \$98,743

GMBU B-2-9-17**Drill 7 7/8" hole with fresh water****Date:** 8/2/2011

NDSI #2 at 2432. 2 Days Since Spud - No Flow - No H2s Reported Last 24 Hrs - Drill 7 7/8" Hole From 974' To 2432',WOB 15,000 lbs,TRPM 160,GPM 400,AVG ROP 83.3 fph - Rig Service,Check Crown-A-Matic,Function Test Bop's - Drill 7 7/8" Hole From 659' To 974',WOB 15,000 lbs,TRPM 160,GPM 400,AVG ROP 78.7 fph - Circ. Hole (Make Plan To Bring Well Bore Back On Track) - Last Survey MD 2308',Angle Deg. 10.30,Drift Dir. 306.70,TVD 2285' Dogleg Severity 1.09

Daily Cost: \$0**Cumulative Cost:** \$119,165

GMBU B-2-9-17**Drill 7 7/8" hole with fresh water****Date:** 8/3/2011

NDSI #2 at 4206. 3 Days Since Spud - Traces Of Gilsonite @ 3555' - 3 gal/min Flow @ 3520' - Drill 7 7/8" Hole From 3003' To 4206' WOB 18,000 lbs,TRPM 160,GPM 400,AVG ROP 68.7 fph - Rig Servic,Check Crown-A-Matic,Function Test Bop's,Held Bop Drill 1min 56 sec.Hands In Place - Drill 7 7/8" Hole from 2432' to 3003',WOB 16,000 lbs,TRPM 160,GPM 400,AVG ROP 95.1 fph - No H2s Reported Last 24 hrs

Daily Cost: \$0**Cumulative Cost:** \$157,739

GMBU B-2-9-17**Drill 7 7/8" hole with fresh water****Date:** 8/4/2011

NDSI #2 at 5474. 4 Days Since Spud - No H2s Reported Last 24 Hrs - Drill 7 7/8" Hole From 4206' To 4618', WOB 20,000 lbs, TRPM 160, GPM 400, AVG ROP 58.8 fph - Well Flowing 6 gal/min @ 5442' - Rig Service Function Test Crown-A-Matic, And Bop's - Drill 7 7/8" Hole From 4618' To 5284', WOB 20,000 lbs, TRPM 160, GPM 400, AVG ROP 57.9 fph - Work On Directional Tool, Lost Singal - Drill 7 7/8" Hole From 5284' To 5474', WOB 20,000 lbs, TRPM 160, GPM 400, AVG ROP 47.5 fph

Daily Cost: \$0**Cumulative Cost:** \$177,073

GMBU B-2-9-17**Logging****Date:** 8/5/2011

NDSI #2 at 6195. 5 Days Since Spud - Drill 7 7/8" Hole From 5474' To 5918', WOB 20,000 lbs, TRPM 160, GPM 400, AVG ROP 56 fph - Rig service. Function test BOP and crown-o-matic - Lay down DP to 4000'. Check flow. Well flowing at 10 gal/min - Wait on brine - Pump 320 bbls of 10# brine. Check flow no flow. - Lay down DP and BHA - Rig up PSI and start to log well - Drill 7 7/8" Hole From 5918' To 6195', WOB 20,000 lbs, TRPM 160, GPM 400, AVG ROP 46 fph

Daily Cost: \$0**Cumulative Cost:** \$229,040

GMBU B-2-9-17**Wait on Completion****Date:** 8/6/2011

NDSI #2 at 6195. 6 Days Since Spud - to reserve pit - 380 sacks 50:50:2+3%KCL+.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L 14.4ppg 1.24 yield. Returned - Pump 250 sacks PL 11+3%KCL+5#CF+.05#CF+.05#SF+.3SMS+FP+SF 11ppg 3.43 yield. Then - Circulate, set casing mandrill w/ 90,000# tension and rig up BJ hard lines - R/U casing crew and run 142 jts of 5 1/2" 15.50# J55 casing set at 6192'/KB - Test 5 1/2" pipe rams to 2000 psi for ten minutes. Test good. - R/U PSI and log W/GR/DG/ Suite 30'/hr TD to 3800'. - Clean mud tanks. Release rig at 9:30 PM 8/5/2011 **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$350,504

Pertinent Files: Go to File List

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45555
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		8. WELL NAME and NUMBER: GMBU B-2-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0634 FNL 0643 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 02 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43047515490000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		COUNTY: UINTAH
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

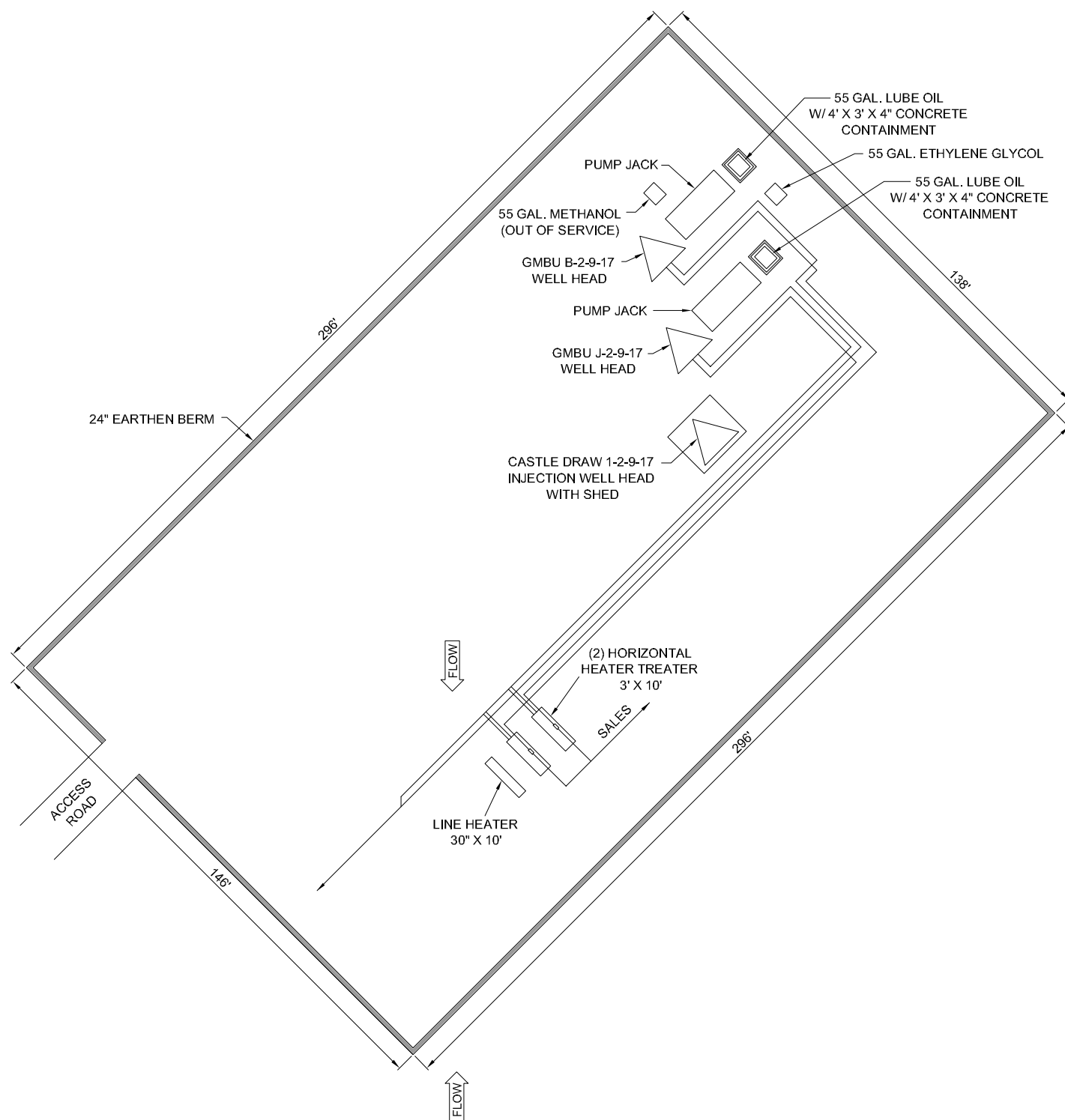
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/20/2014	<input checked="" type="checkbox"/> OTHER		
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: Site Facility/Site Security		
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.



SEE ATTACHED REVISED SITE FACILITY DIAGRAM

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 January 23, 2014

NAME (PLEASE PRINT) Jill L Loyle	PHONE NUMBER 303 383-4135	TITLE Regulatory Technician
SIGNATURE N/A	DATE 1/23/2014	



Federal Lease #: UTU-87538X (ML-45555)
 CASTLE DRAW 1-2-9-17 - API #: 4304732843
 GMBU J-2-9-17 - API #: 4304751549
 GMBU B-2-9-17 - API #: 4304751550

	CASTLE DRAW 1-2-9-17, GMBU J-2-9-17 AND GMBU B-2-9-17
	Newfield Exploration Company NENE Sec 2, T9S, R17E Uintah County, UT
N.T.S.	
M.G.	
FEB 2013	

RECEIVED: Jan. 23, 2014